

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094565.D
 Acq On : 26 Oct 2017 16:49
 Operator : SJ/JU
 Sample : I5873-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-16(7-7.75) 1012117

Manual Integrations
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 10/27/2017 5:34:53 PM

Quant Time: Oct 27 08:28:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1305	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7728	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	4081m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8339	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8366	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9264	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	139626	11.13	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	82919	3.35	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	246885	13.066	ng/ul#	94
5) 2-Methylnaphthalene	12.41	142	310807	23.512	ng/ul	98
7) Acenaphthylene	14.24	152	8847m	0.479	ng/ul	
8) Acenaphthene	14.59	153	23321	1.758	ng/ul#	68
9) Fluorene	15.57	166	43197	2.900	ng/ul#	85
12) Phenanthrene	17.29	178	293152	13.309	ng/ul#	89
13) Anthracene	17.38	178	14139	0.650	ng/ul#	74
15) Fluoranthene	19.31	202	16237	0.638	ng/ul	79
17) Pyrene	19.67	202	46375	1.793	ng/ul#	88
18) Benzo(a)anthracene	21.40	228	8694	0.364	ng/ul#	47
19) Chrysene	21.46	228	14523	0.587	ng/ul#	63
21) Benzo(b)fluoranthene	23.17	252	5330m	0.205	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	1779m	0.064	ng/ul	
23) Benzo(a)pyrene	23.84	252	6678	0.256	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	26.64	276	2309	0.086	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.62	278	1266	0.056	ng/ul#	1
26) Benzo(g,h,i)perylene	27.48	276	3277	0.151	ng/ul#	44

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

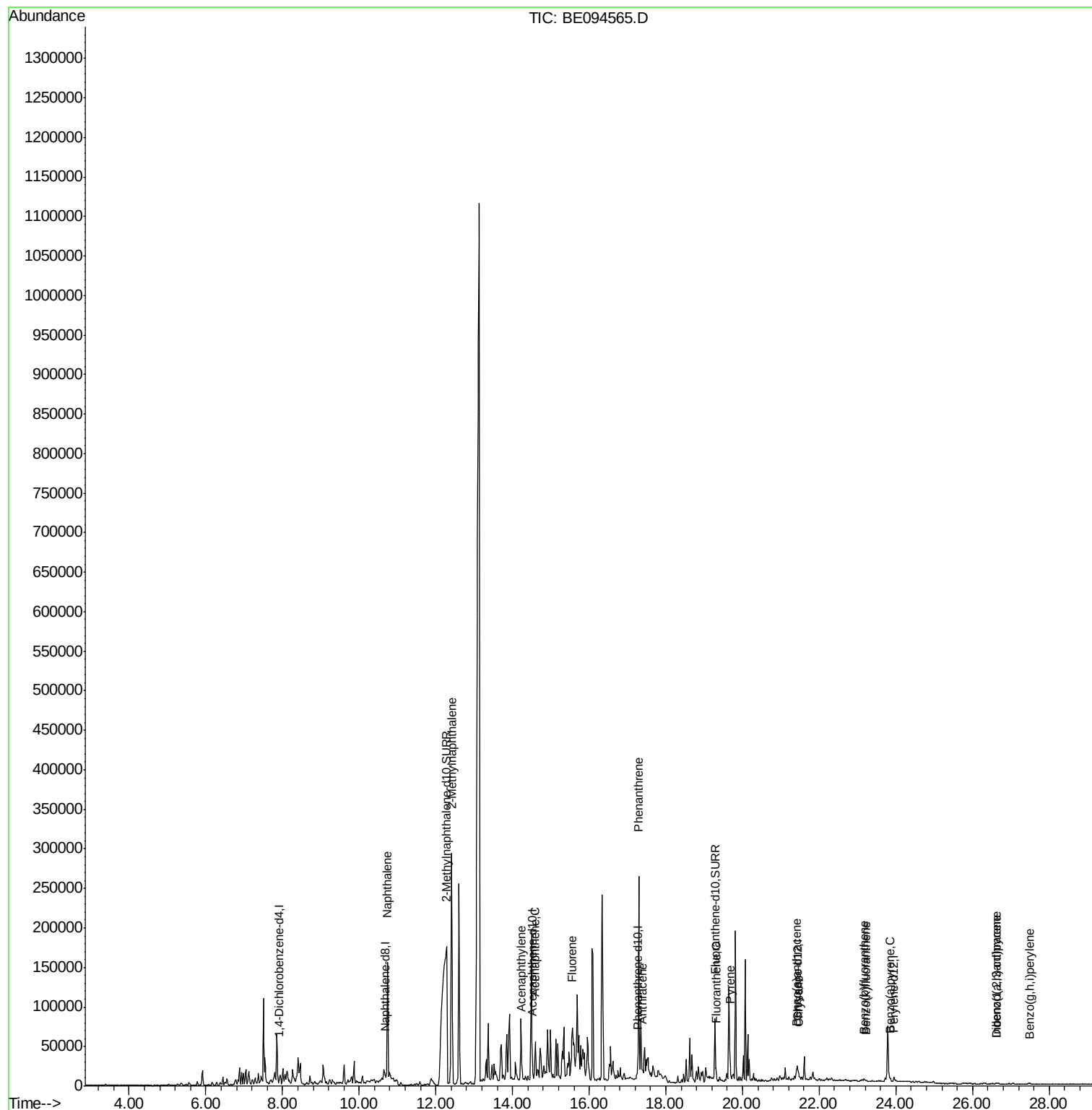
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

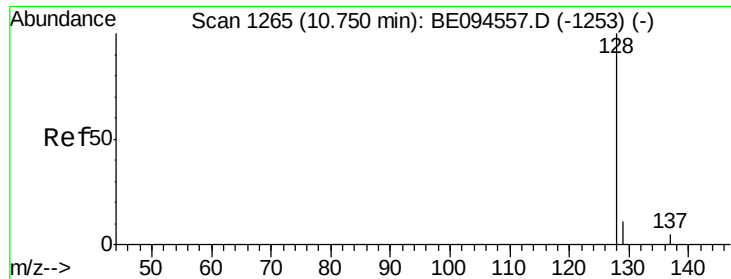
Instrument :
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B-16(7-7.75)_1012117

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#3

Naphthalene

Concen: 13.066 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

Instrument :

BNA_E

ClientSampleId :

B-16(7-7.75) 1012117

Tgt Ion:128 Resp: 246885

Ion Ratio Lower Upper

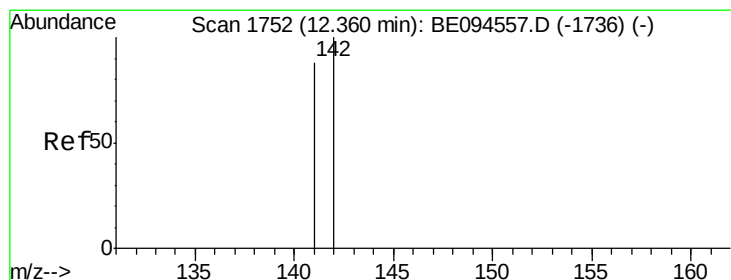
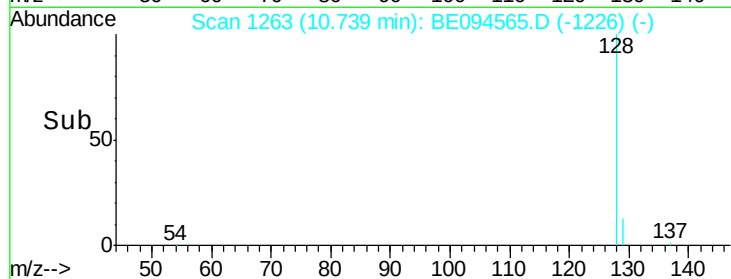
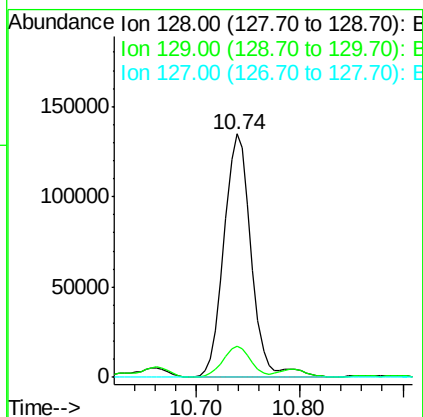
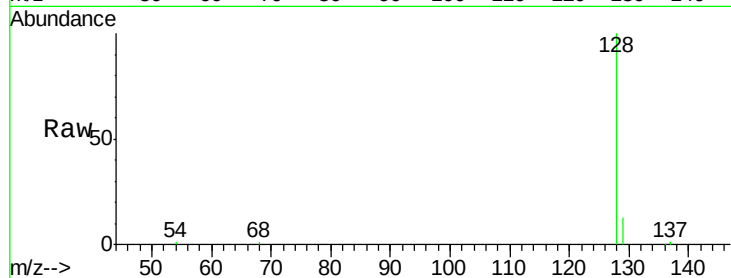
128 100

129 12.8 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 23.512 ng/ul

RT: 12.41 min Scan# 1769

Delta R.T. 0.05 min

Lab File: BE094565.D

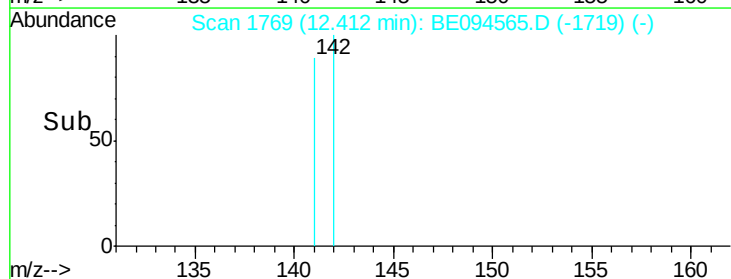
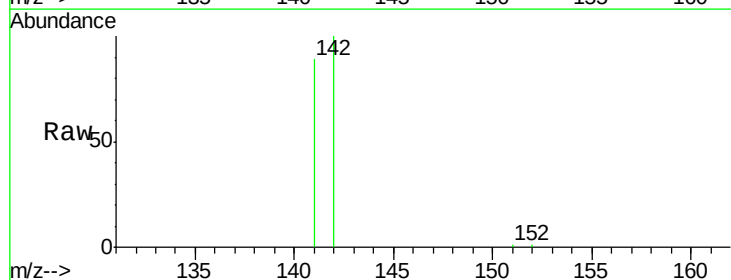
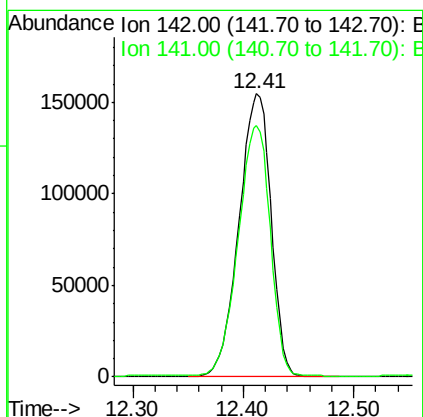
Acq: 26 Oct 2017 16:49

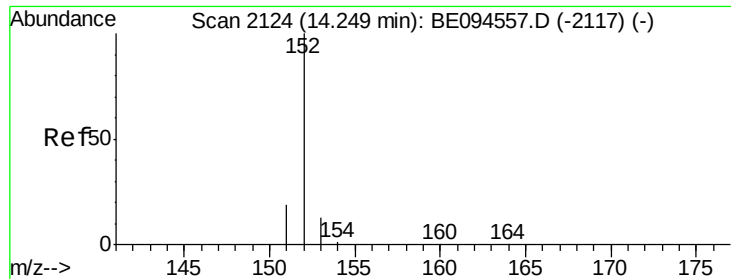
Tgt Ion:142 Resp: 310807

Ion Ratio Lower Upper

142 100

141 89.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.479 ng/ul m

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

Instrument :

BNA_E

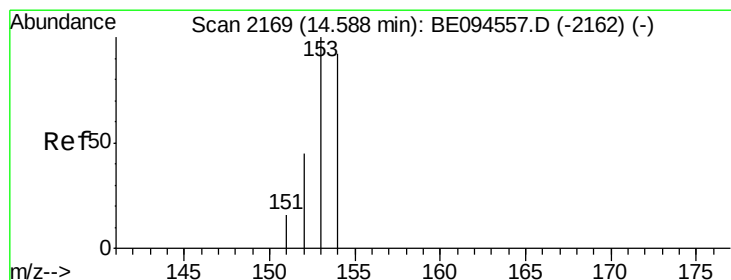
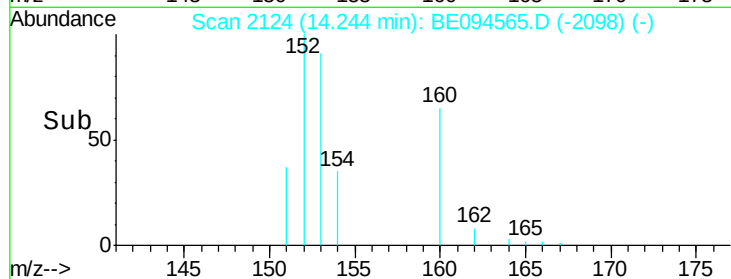
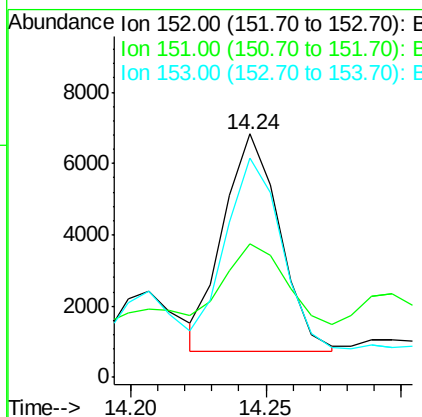
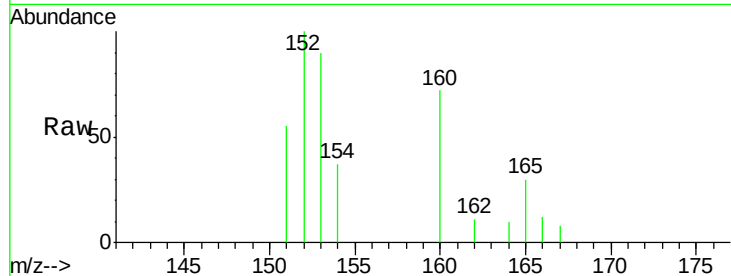
ClientSampleId :

B-16(7-7.75) 1012117

Tgt Ion:	152	Resp:	8847
Ion Ratio	Lower	Upper	
152	100		
151	55.0	17.1	25.7#
153	90.3	12.8	19.2#

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#8

Acenaphthene

Concen: 1.758 ng/ul

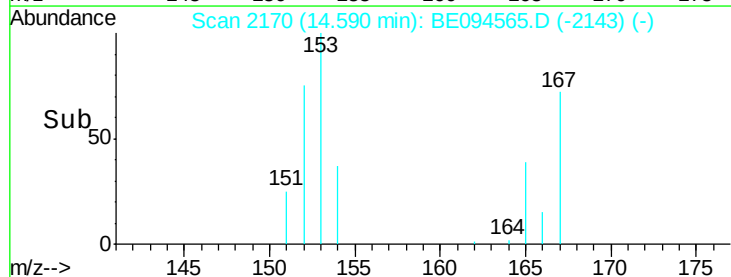
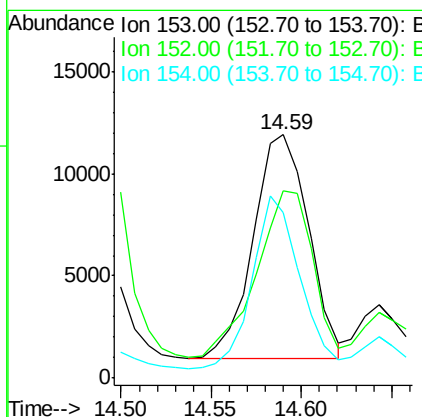
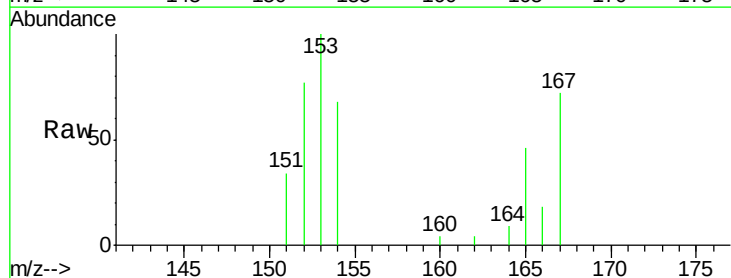
RT: 14.59 min Scan# 2170

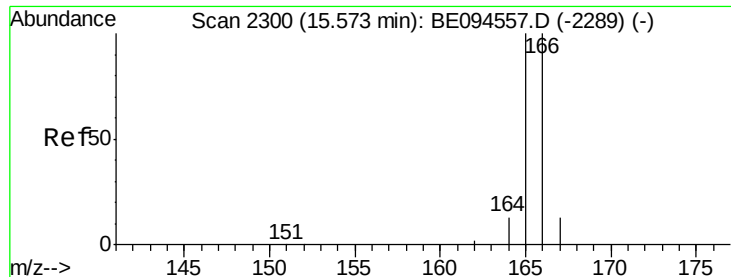
Delta R.T. 0.00 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

Tgt Ion:	153	Resp:	23321
Ion Ratio	Lower	Upper	
153	100		
152	76.9	36.0	54.0#
154	68.0	72.0	108.0#





#9

Fluorene

Concen: 2.900 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

Instrument :

BNA_E

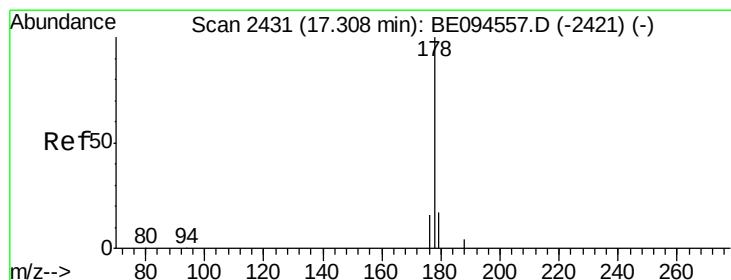
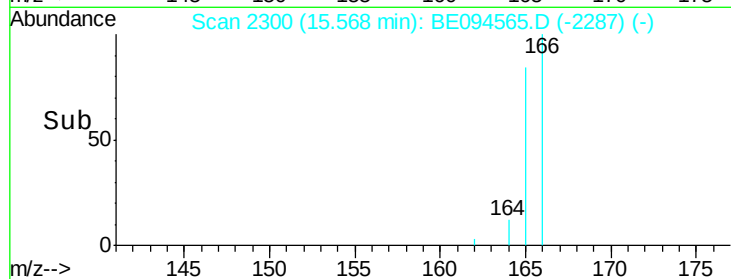
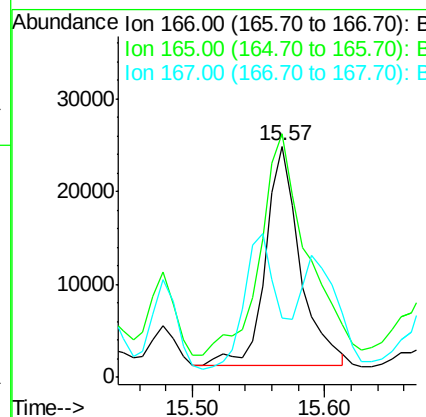
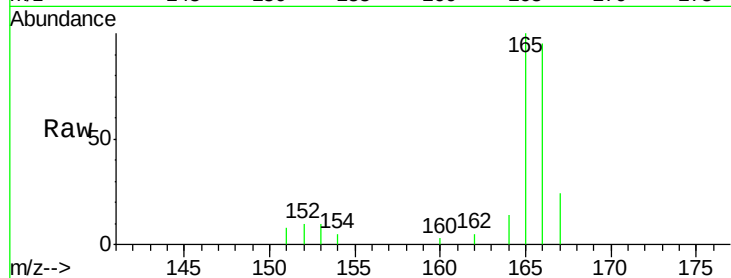
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.3	73.4	110.2
167	25.6	14.6	22.0

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#12

Phenanthrene

Concen: 13.309 ng/ul

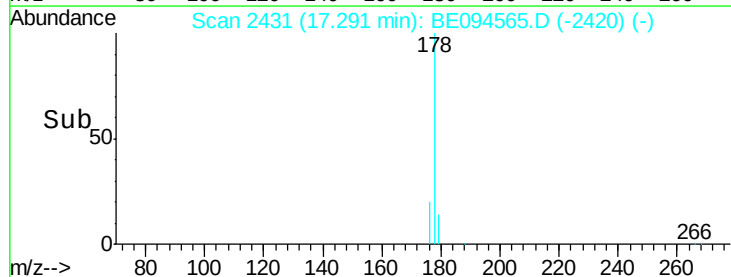
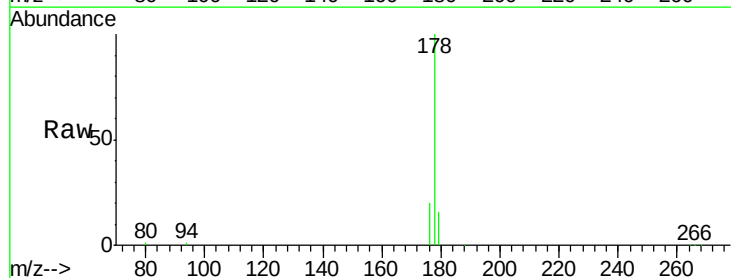
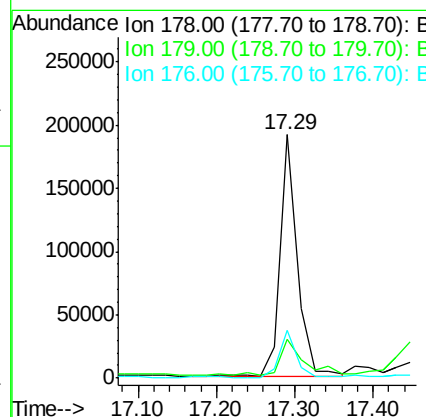
RT: 17.29 min Scan# 2431

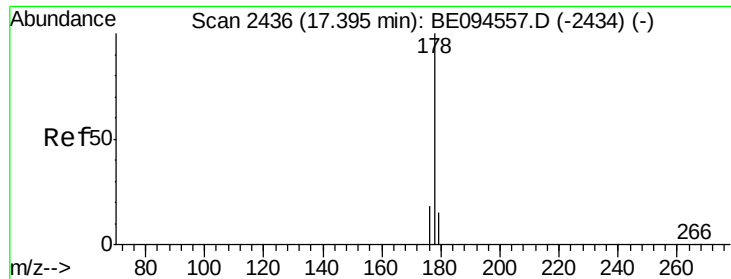
Delta R.T. -0.02 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6
176	19.7	13.6	20.4





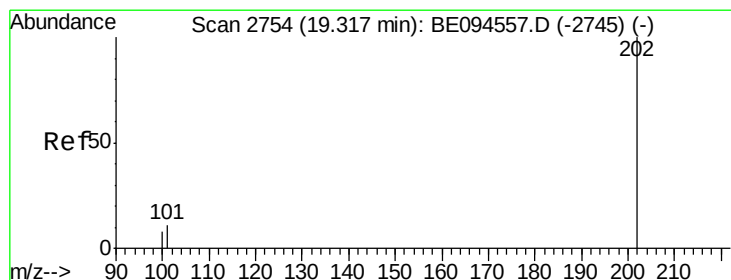
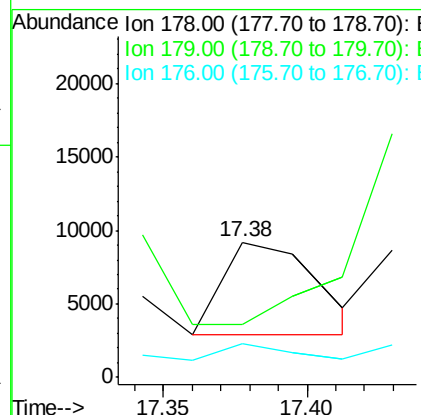
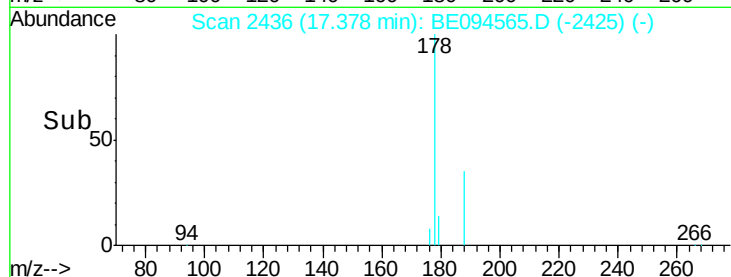
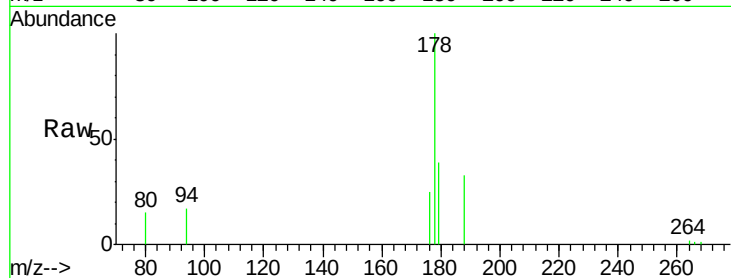
#13
 Anthracene
 Concen: 0.650 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094565.D
 Acq: 26 Oct 2017 16:49

Instrument :
 BNA_E
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Tgt Ion:178 Resp: 14139
 Ion Ratio Lower Upper
 178 100
 179 38.8 18.1 27.1#
 176 25.4 14.7 22.1#

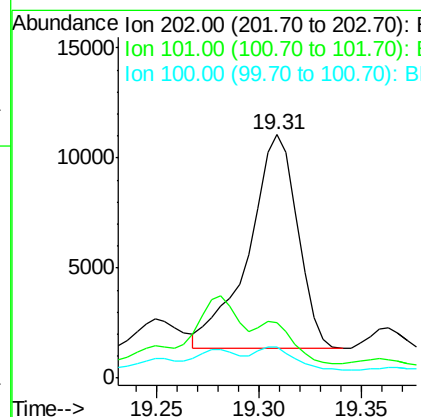
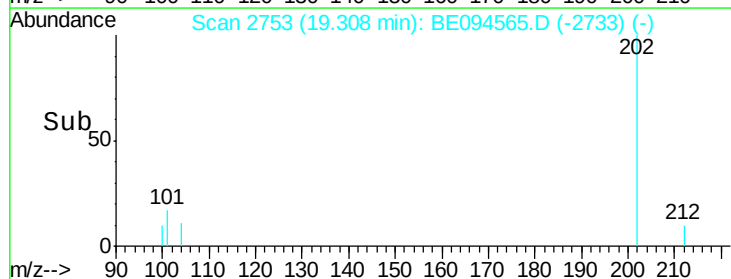
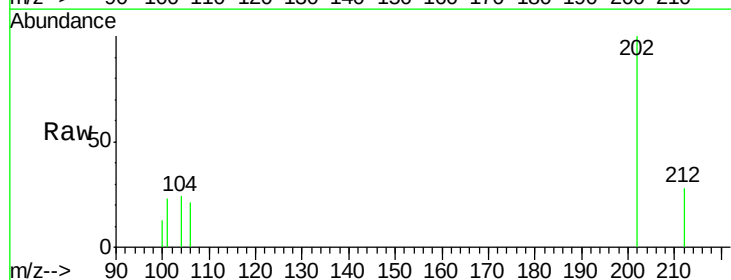
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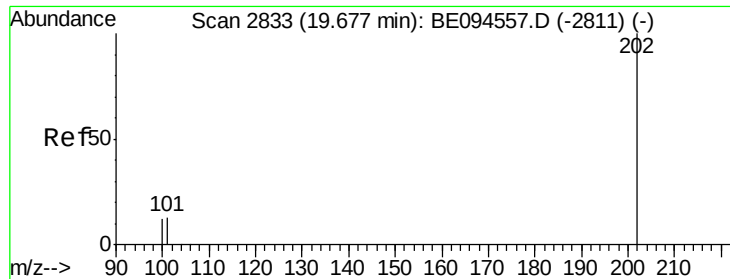
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#15
 Fluoranthene
 Concen: 0.638 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094565.D
 Acq: 26 Oct 2017 16:49

Tgt Ion:202 Resp: 16237
 Ion Ratio Lower Upper
 202 100
 101 22.8 0.0 30.3
 100 12.6 0.0 39.5





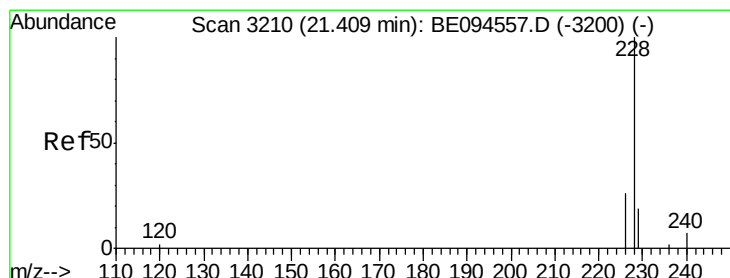
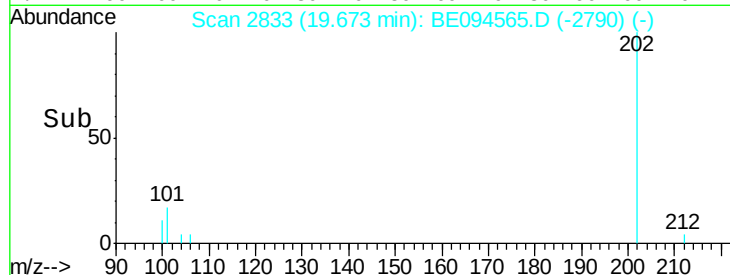
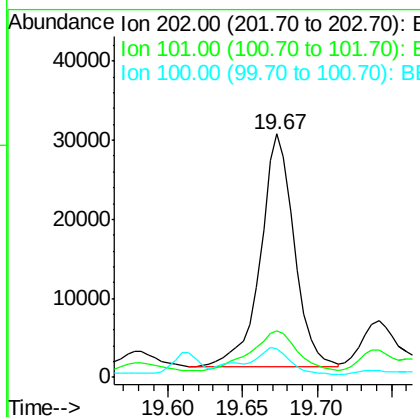
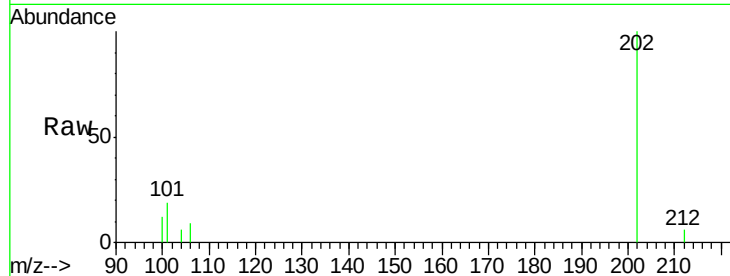
#17
 Pyrene
 Concen: 1.793 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094565.D
 Acq: 26 Oct 2017 16:49

Instrument :
 BNA_E
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.9	18.2	27.4
100	11.9	15.6	23.4#

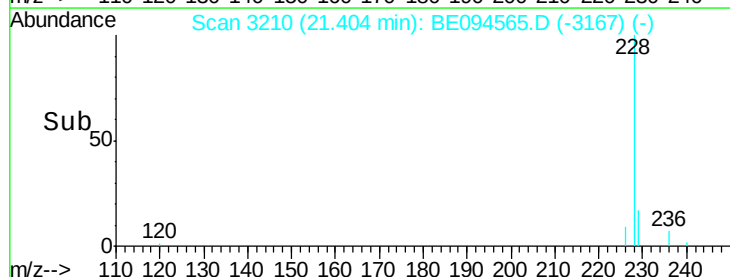
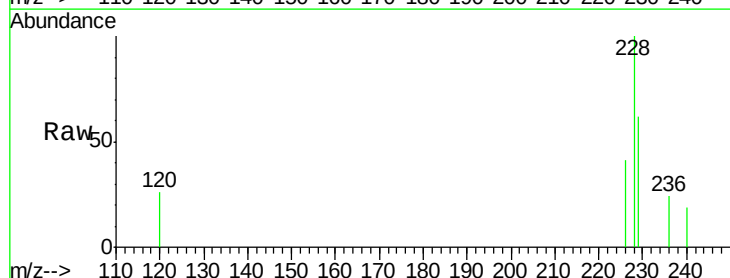
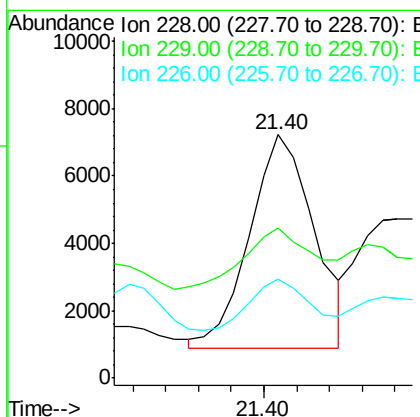
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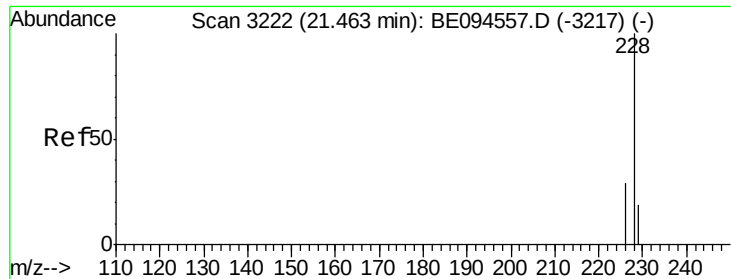
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#18
 Benzo(a)anthracene
 Concen: 0.364 ng/ul
 RT: 21.40 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094565.D
 Acq: 26 Oct 2017 16:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	61.9	22.8	34.2#
226	40.5	17.0	25.6#





#19

Chrysene

Concen: 0.587 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

Instrument :

BNA_E

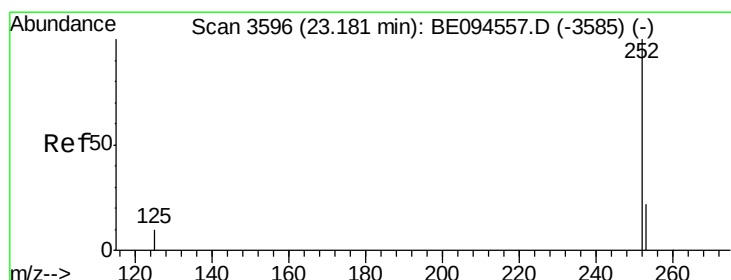
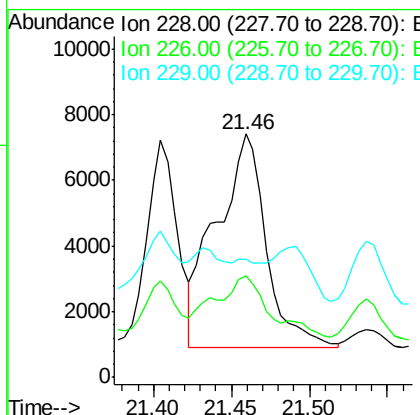
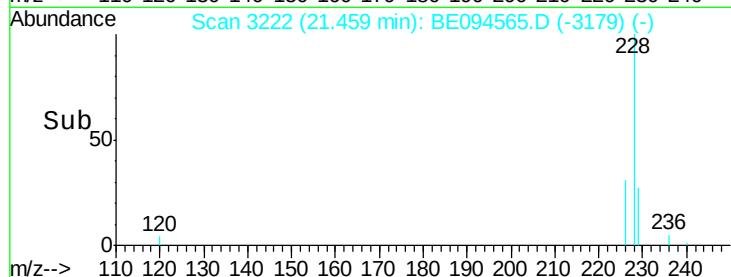
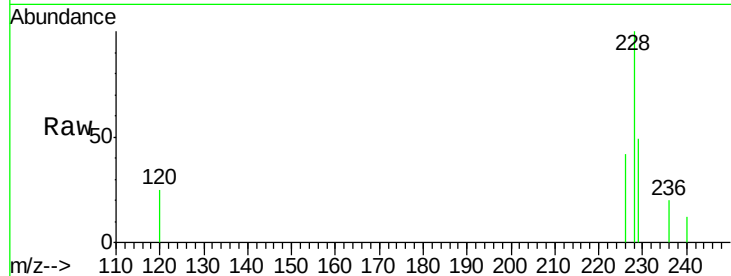
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Tgt Ion:	228	Resp:	14523
Ion Ratio	Lower	Upper	
228	100		
226	41.9	23.4	35.0#
229	48.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.205 ng/ul m

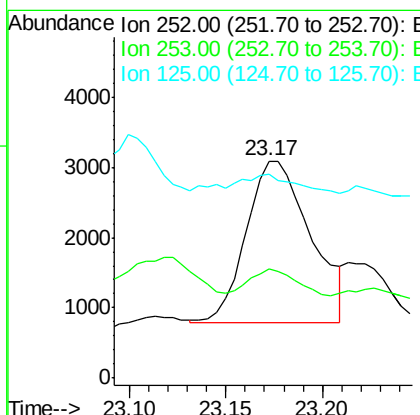
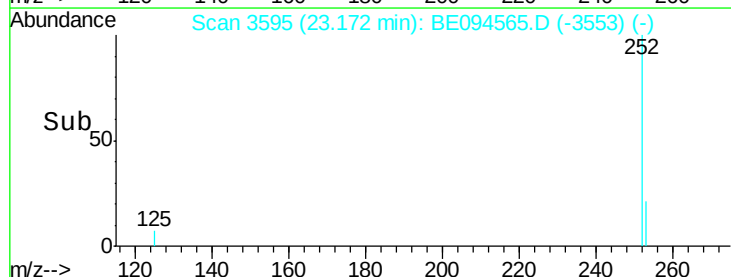
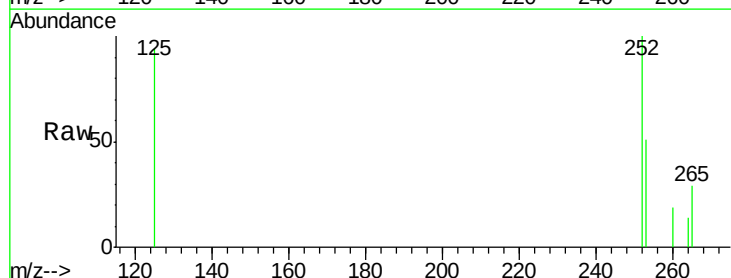
RT: 23.17 min Scan# 3595

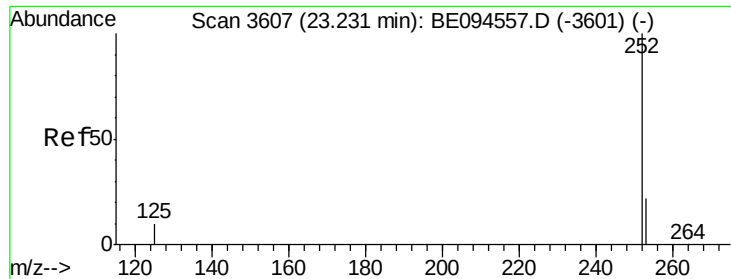
Delta R.T. -0.01 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

Tgt Ion:	252	Resp:	5330
Ion Ratio	Lower	Upper	
252	100		
253	50.6	0.0	64.2
125	94.2	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.064 ng/ul m

RT: 23.21 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

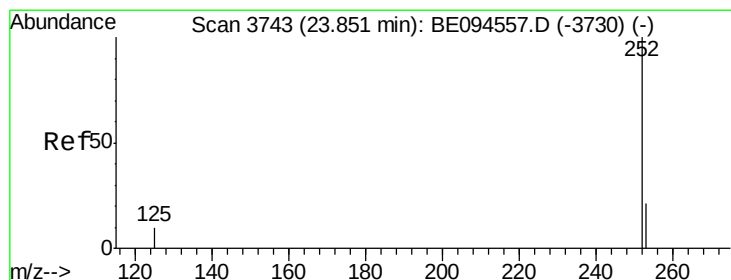
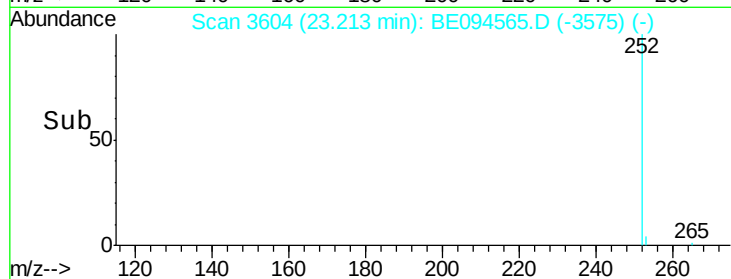
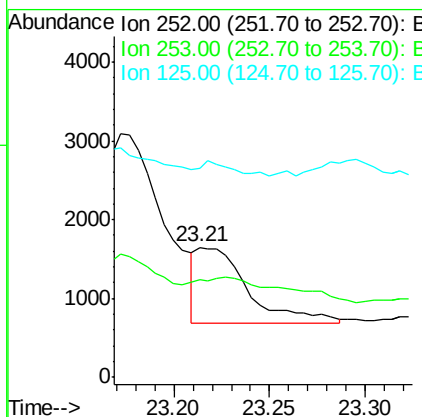
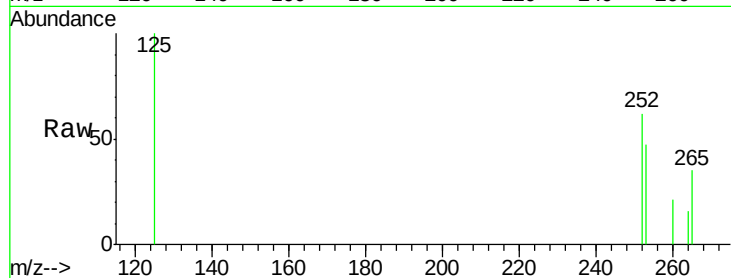
Instrument :
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ClientSampleId :
B-16(7-7.75)_1012117

Tgt Ion	Ratio	Lower	Upper
252	100		
253	75.1	24.5	36.7#
125	161.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.256 ng/ul

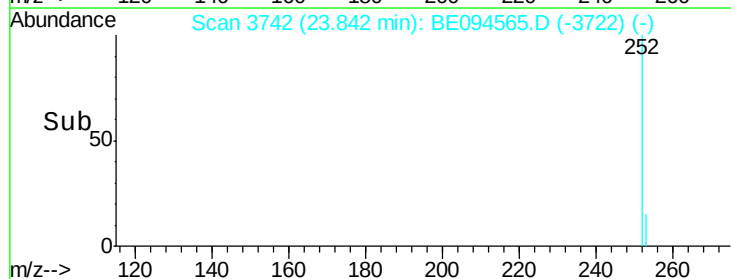
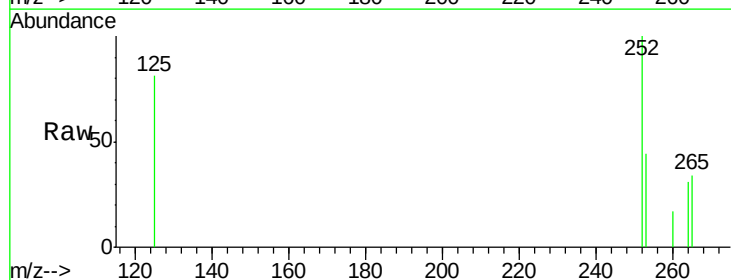
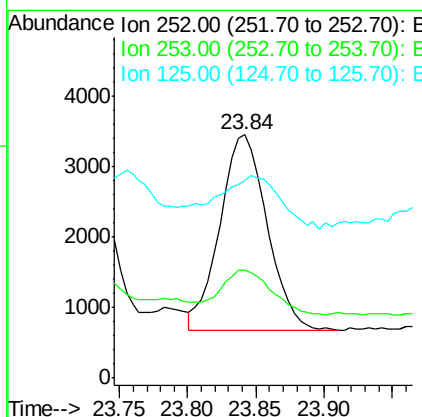
RT: 23.84 min Scan# 3742

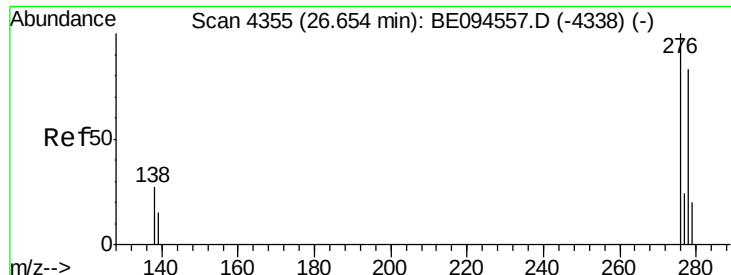
Delta R.T. -0.01 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.3	28.5	42.7#
125	81.4	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.086 ng/ul

RT: 26.64 min Scan# 4352

Delta R.T. -0.02 min

Lab File: BE094565.D

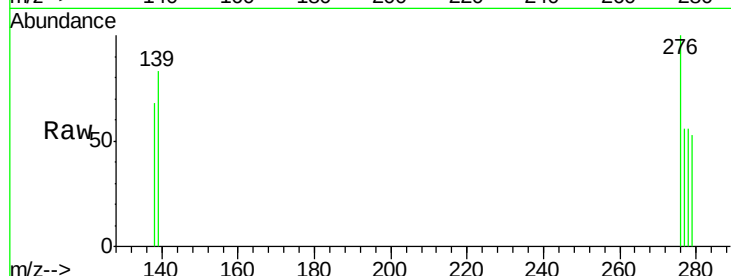
Acq: 26 Oct 2017 16:49

Instrument :

BNA_E

ClientSampleId :

B-16(7-7.75) 1012117



Tgt Ion: 276 Resp: 2309

Ion Ratio Lower Upper

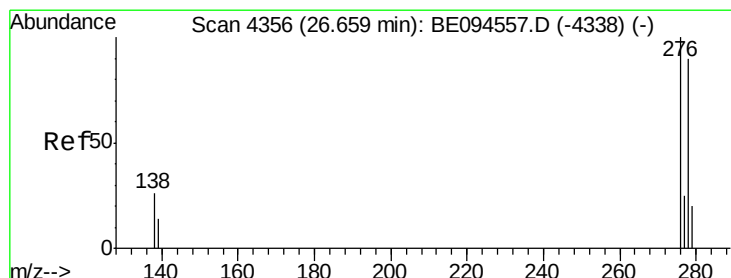
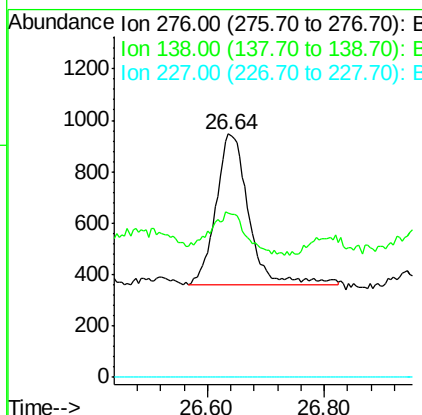
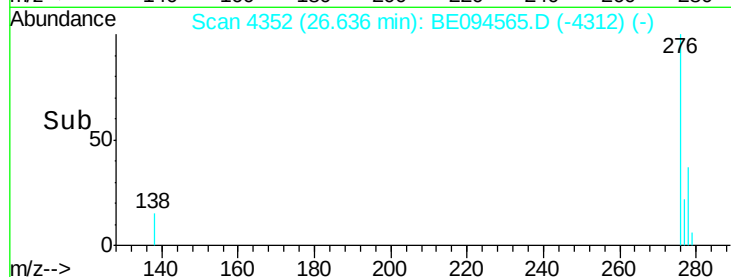
276 100

138 30.3 28.0 42.0

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:53 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.056 ng/ul

RT: 26.62 min Scan# 4349

Delta R.T. -0.04 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

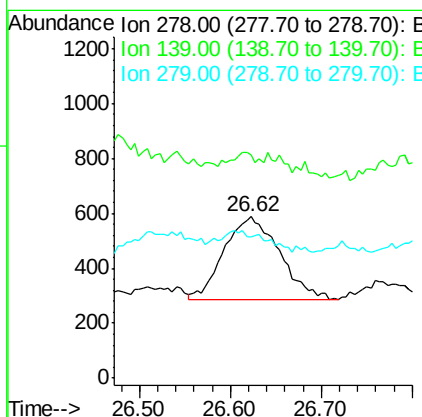
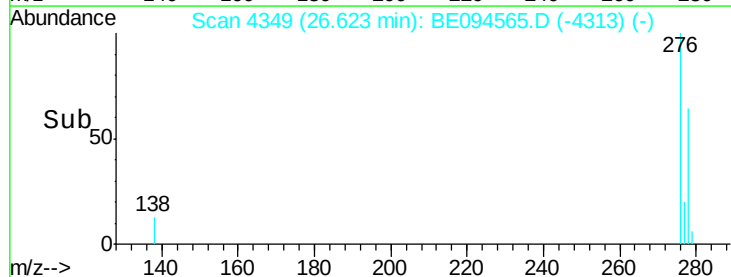
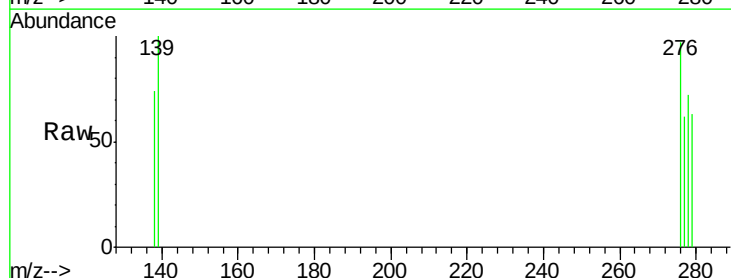
Tgt Ion: 278 Resp: 1266

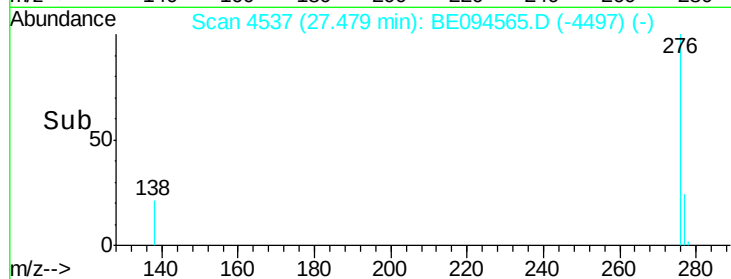
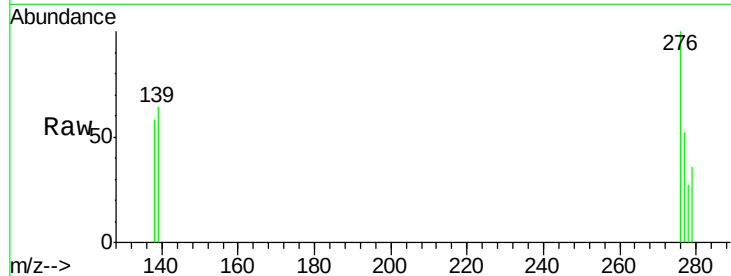
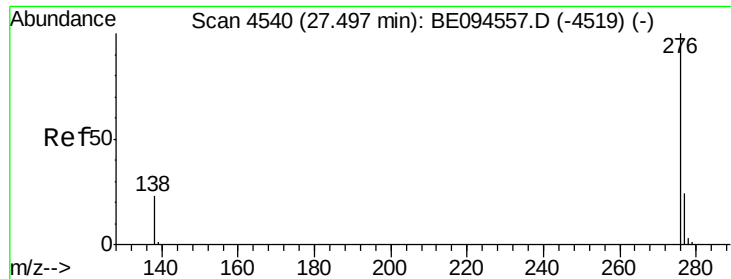
Ion Ratio Lower Upper

278 100

139 138.7 17.4 26.0#

279 87.7 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.151 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. -0.02 min

Lab File: BE094565.D

Acq: 26 Oct 2017 16:49

Instrument :

BNA_E

ClientSampleId :

B-16(7-7.75)_1012117

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	58.2	21.8	32.8#	
277	52.4	20.5	30.7#	

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:53 PM

