

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094536.D
 Acq On : 25 Oct 2017 17:01
 Operator : SJ/JU
 Sample : I5693-08DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-30(3-3.8)-100417DL

Manual Integrations
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Quant Time: Oct 25 19:18:13 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	1199	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6941	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4067	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9457	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9233	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9103	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	460	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1099	0.04	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	6603	0.389	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	1831	0.154	ng/ul	98
7) Acenaphthylene	14.24	152	2534	0.138	ng/ul	93
8) Acenaphthene	14.57	153	7007	0.530	ng/ul	97
9) Fluorene	15.56	166	6837	0.461	ng/ul	92
12) Phenanthrene	17.29	178	83989	3.362	ng/ul#	92
13) Anthracene	17.38	178	21467	0.871	ng/ul#	92
15) Fluoranthene	19.31	202	127038	4.399	ng/ul	83
17) Pyrene	19.67	202	108461	3.800	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	63284	2.398	ng/ul#	87
19) Chrysene	21.45	228	58966	2.161	ng/ul	96
21) Benzo(b)fluoranthene	23.17	252	75625m	2.953	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	30692m	1.118	ng/ul	
23) Benzo(a)pyrene	23.83	252	54094	2.113	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.63	276	37363	1.411	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.63	278	10475	0.469	ng/ul#	76
26) Benzo(g,h,i)perylene	27.47	276	31660	1.489	ng/ul	95

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

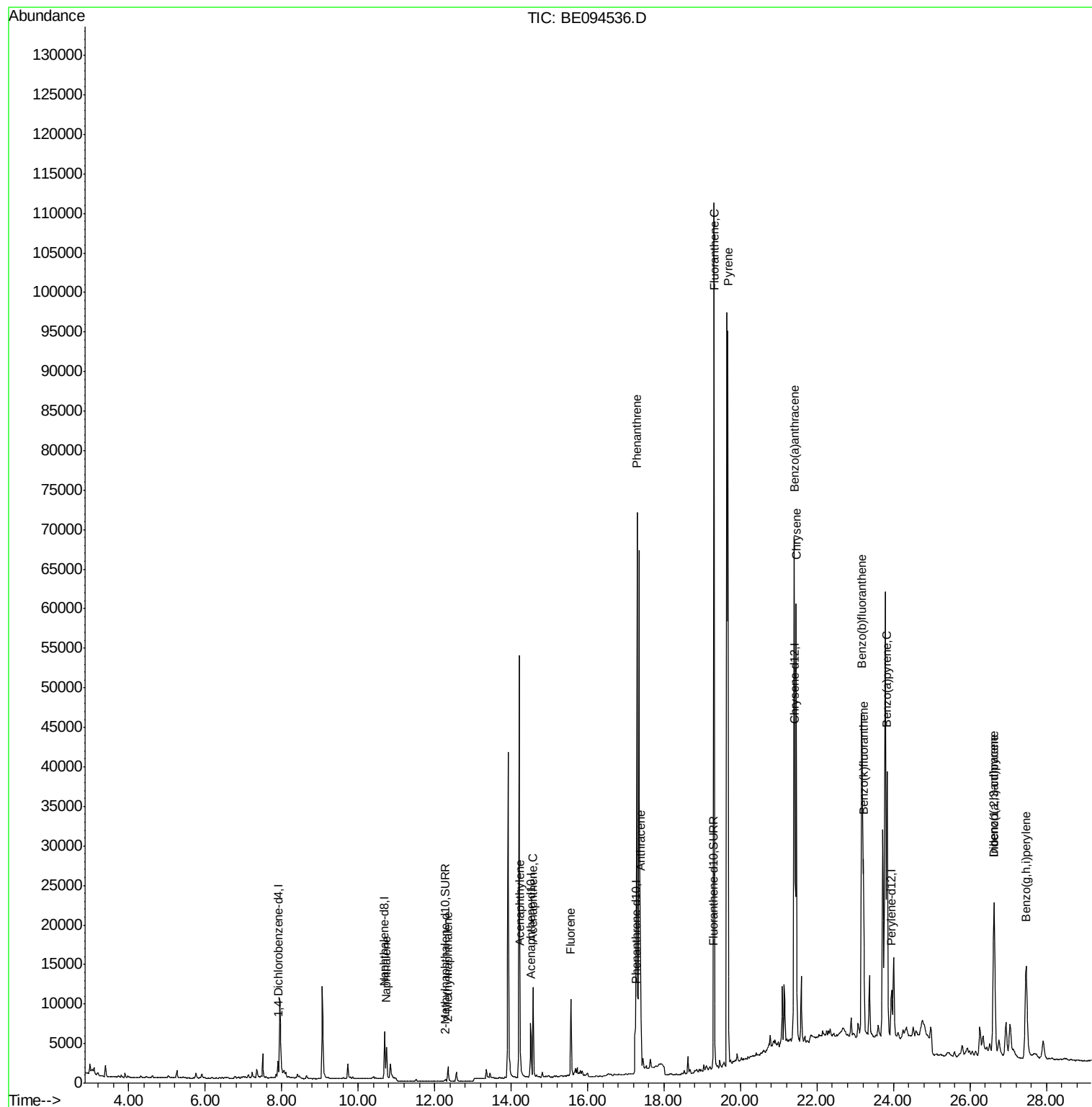
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094536.D
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ALS Vial : 13 Sample Multiplier: 1

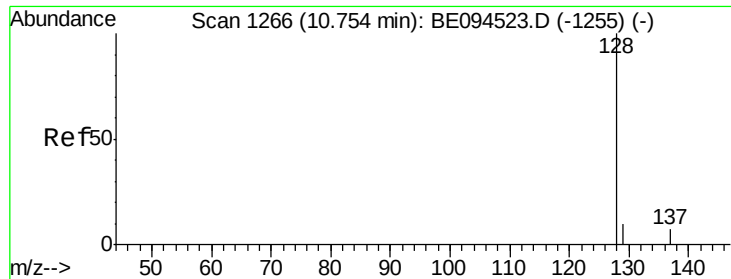
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#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094536.D

Acq: 25 Oct 2017 17:01

Instrument :

BNA_E

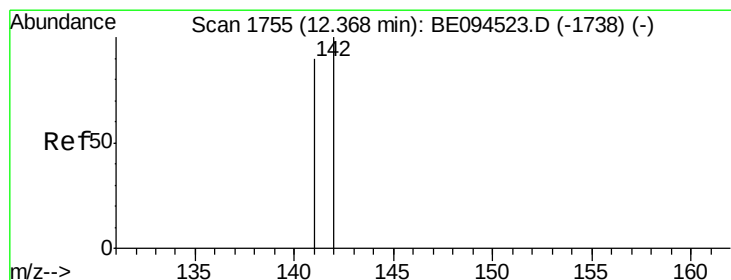
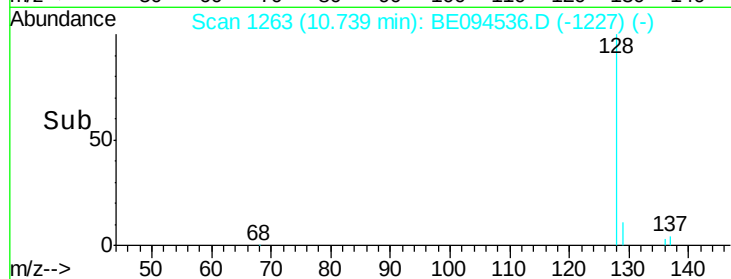
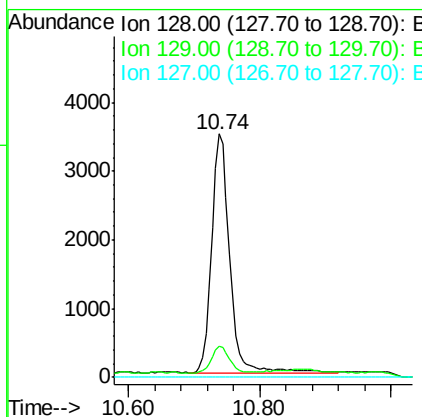
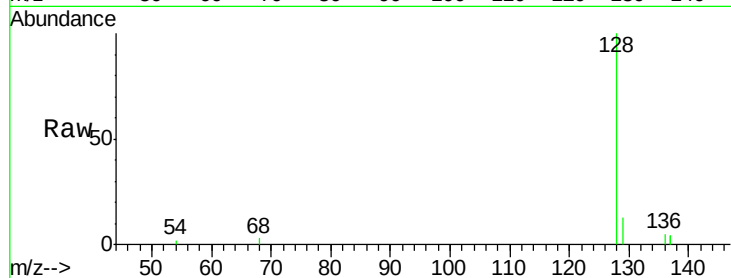
ClientSampleId :

B-30(3-3.8)-100417DL

Tgt Ion:	128	Resp:	6603
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: 0.154 ng/ul

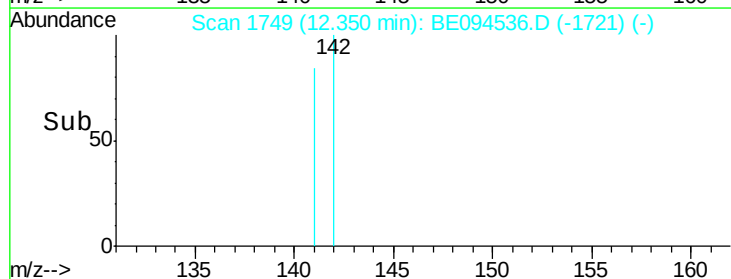
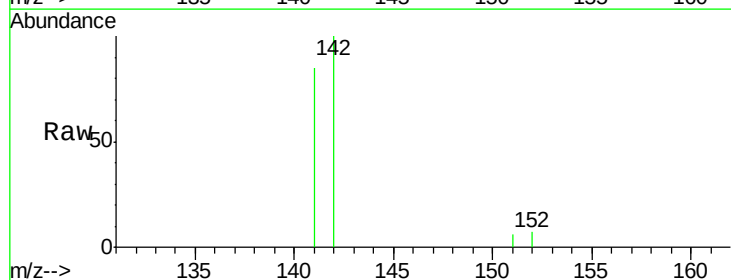
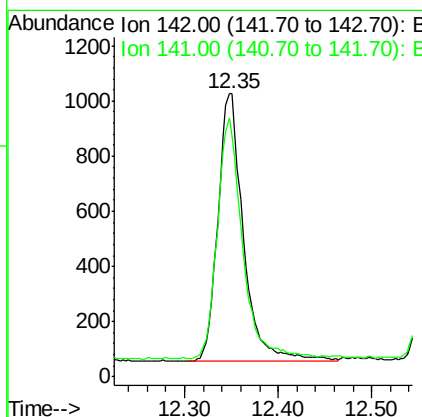
RT: 12.35 min Scan# 1749

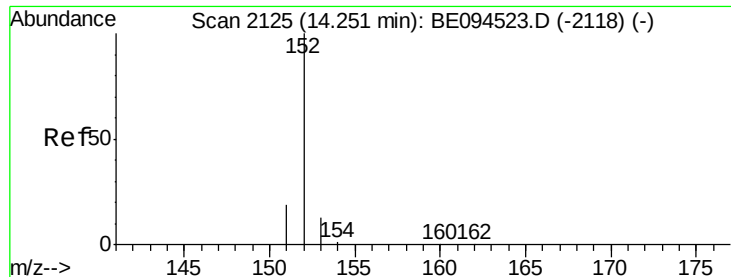
Delta R.T. -0.01 min

Lab File: BE094536.D

Acq: 25 Oct 2017 17:01

Tgt Ion:	142	Resp:	1831
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.138 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094536.D

Acq: 25 Oct 2017 17:01

Instrument :

BNA_E

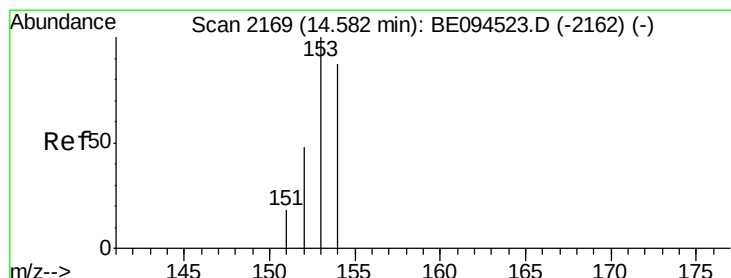
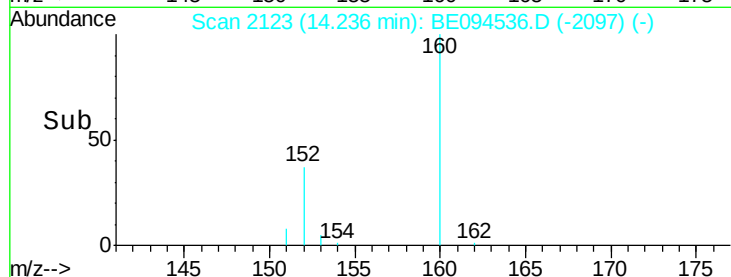
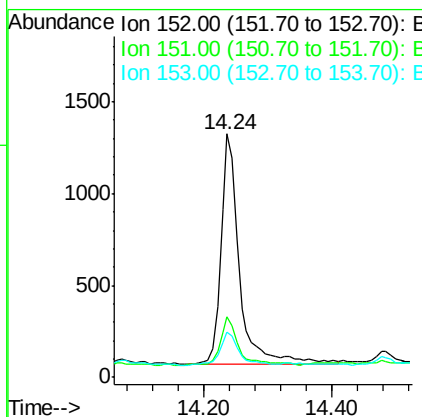
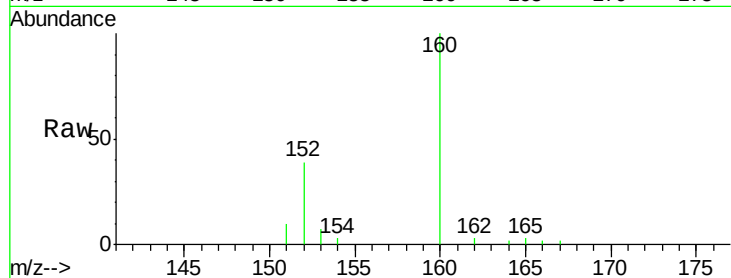
ClientSampleId :

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Tgt Ion:	152	Resp:	2534
Ion Ratio	Lower	Upper	
152	100		
151	24.8	17.1	25.7
153	18.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.530 ng/ul

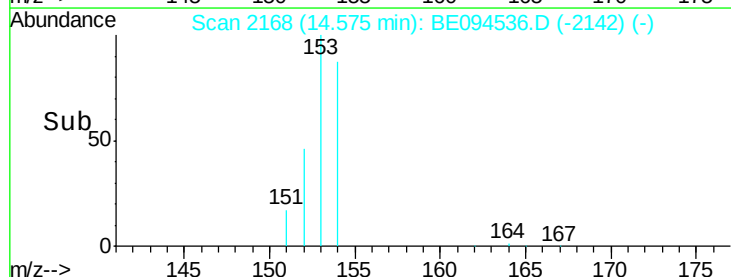
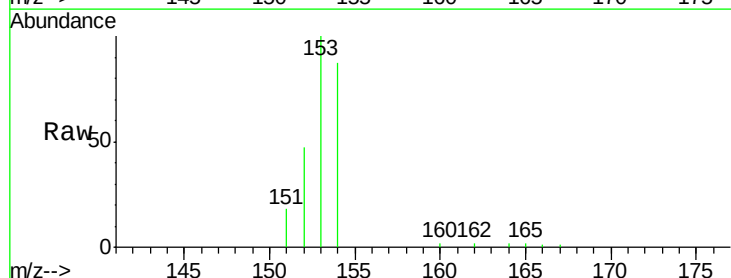
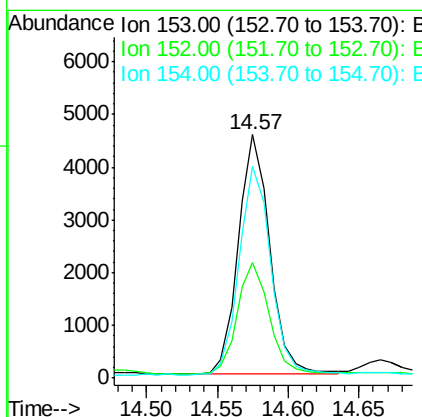
RT: 14.57 min Scan# 2168

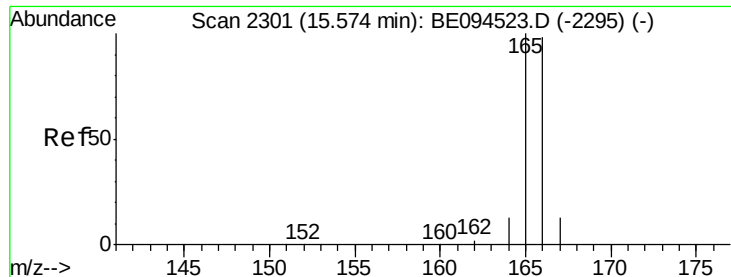
Delta R.T. -0.01 min

Lab File: BE094536.D

Acq: 25 Oct 2017 17:01

Tgt Ion:	153	Resp:	7007
Ion Ratio	Lower	Upper	
153	100		
152	47.3	36.0	54.0
154	86.9	72.0	108.0





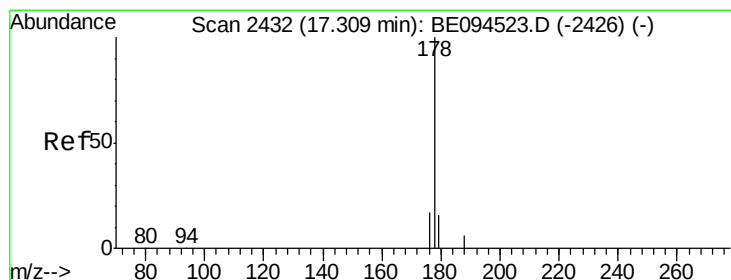
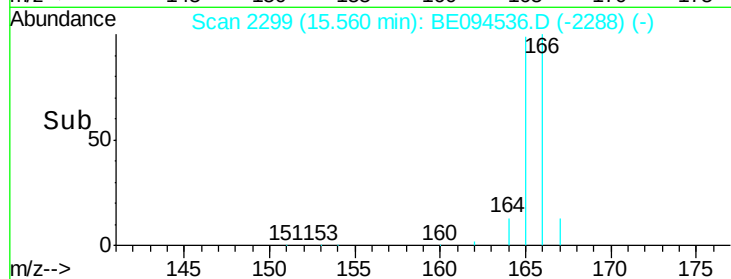
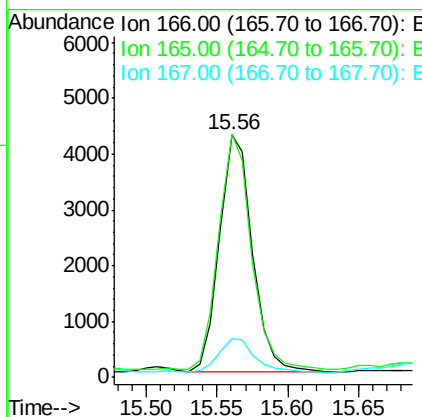
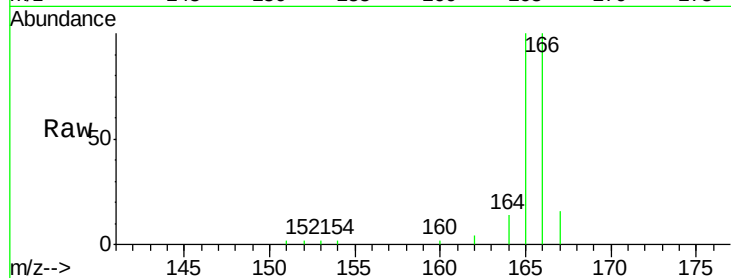
#9
Fluorene
 Concen: 0.461 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094536.D
 Acq: 25 Oct 2017 17:01

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	73.4	110.2
167	15.9	14.6	22.0

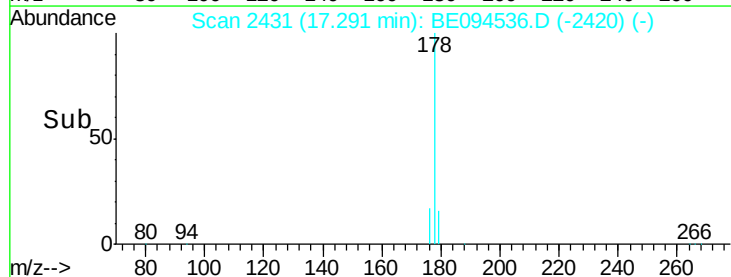
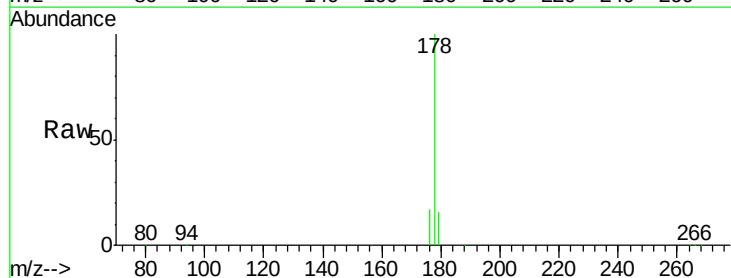
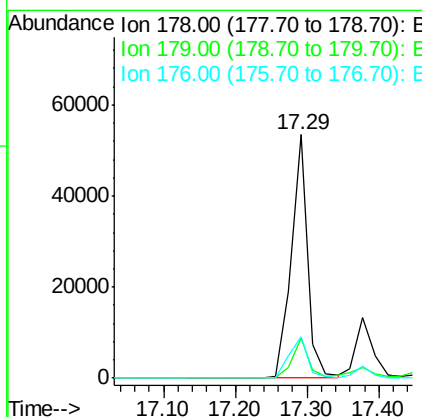
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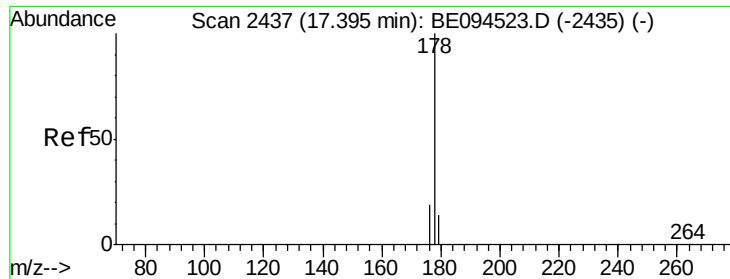
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#12
Phenanthrene
 Concen: 3.362 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094536.D
 Acq: 25 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.4	27.6#
176	17.0	13.6	20.4





#13

Anthracene

Concen: 0.871 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094536.D

Acq: 25 Oct 2017 17:01

Instrument :

BNA_E

ClientSampleId :

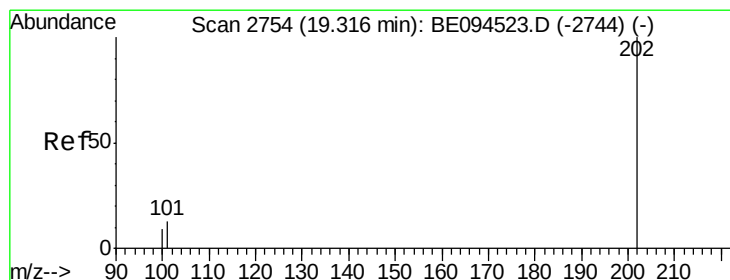
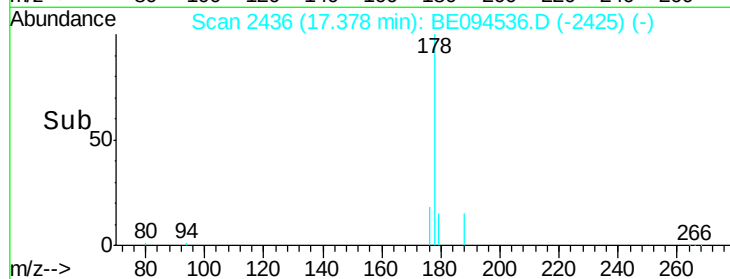
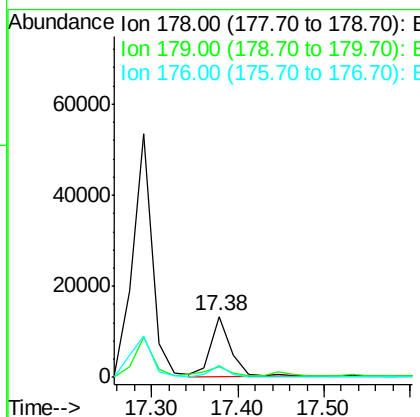
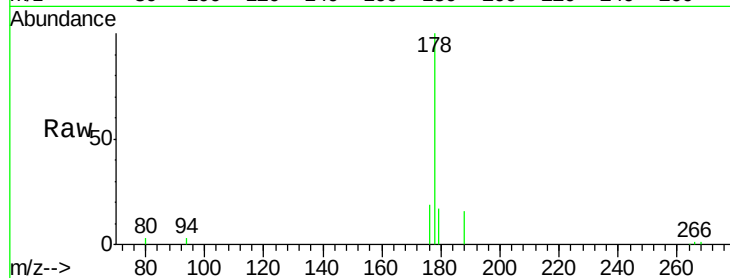
B-30(3-3.8)-100417DL

Tgt Ion:178 Resp: 21467

Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.1	27.1#
176	19.1	14.7	22.1

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#15

Fluoranthene

Concen: 4.399 ng/ul

RT: 19.31 min Scan# 2753

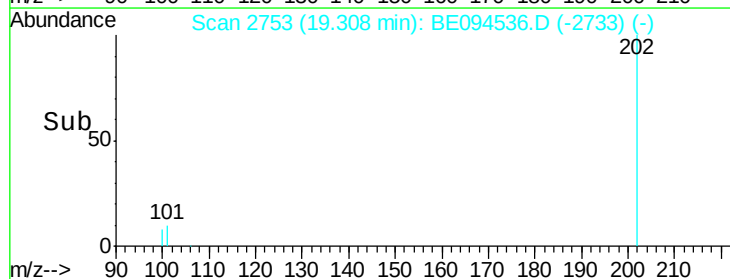
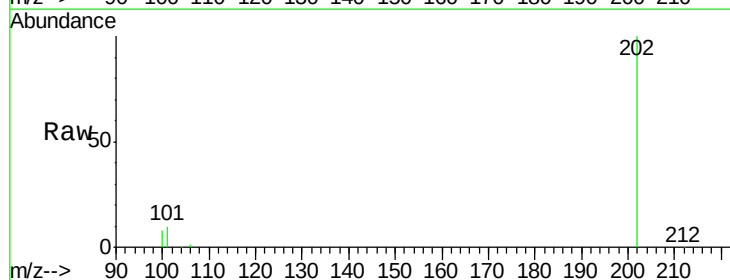
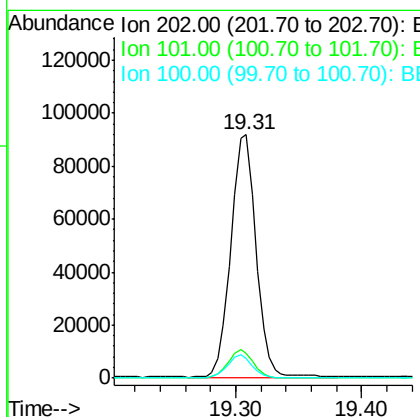
Delta R.T. -0.01 min

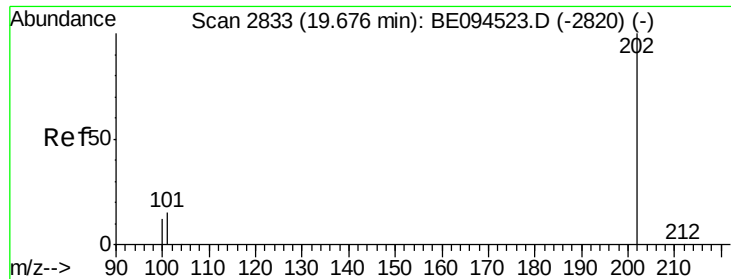
Lab File: BE094536.D

Acq: 25 Oct 2017 17:01

Tgt Ion:202 Resp: 127038

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
100	8.0	0.0	39.5





#17

Pyrene

Concen: 3.800 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094536.D

Acq: 25 Oct 2017 17:01

Instrument :

BNA_E

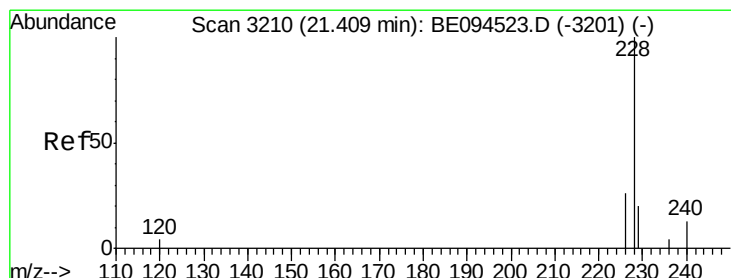
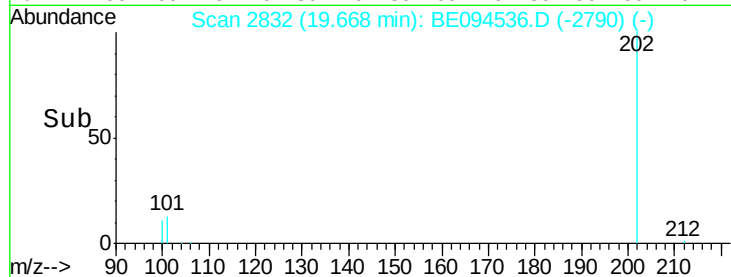
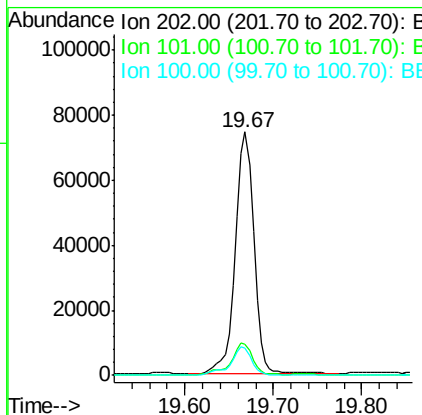
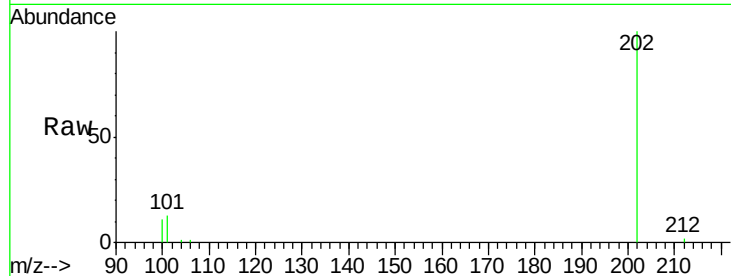
ClientSampleId :

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Tgt Ion:	202	Resp:	108461
Ion Ratio	Lower	Upper	
202	100		
101	12.9	18.2	27.4#
100	11.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.398 ng/ul

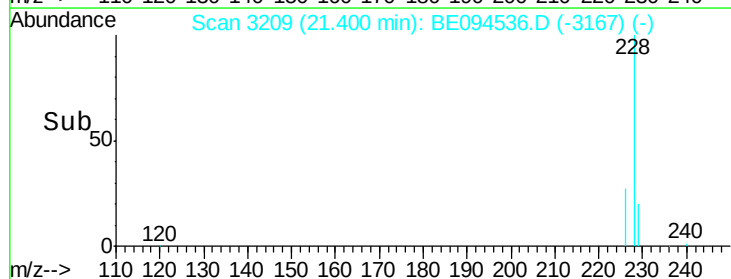
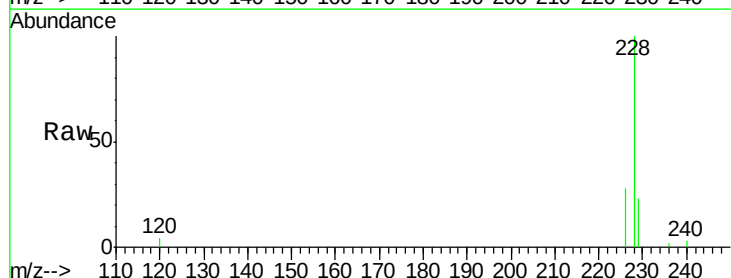
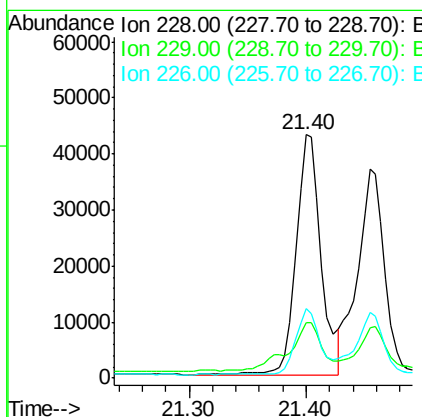
RT: 21.40 min Scan# 3209

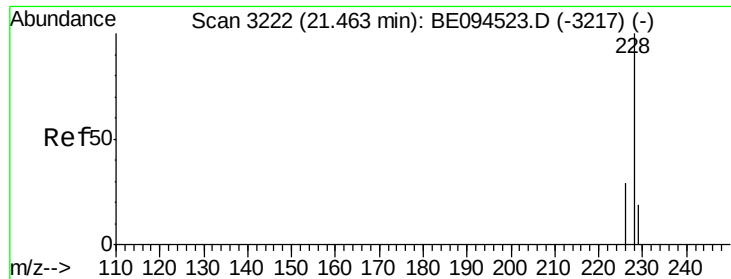
Delta R.T. -0.01 min

Lab File: BE094536.D

Acq: 25 Oct 2017 17:01

Tgt Ion:	228	Resp:	63284
Ion Ratio	Lower	Upper	
228	100		
229	22.8	22.8	34.2
226	28.4	17.0	25.6#





#19

Chrysene

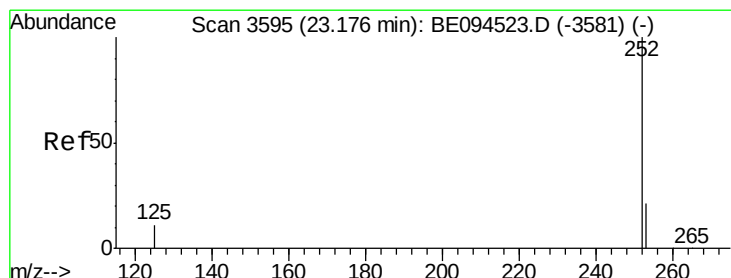
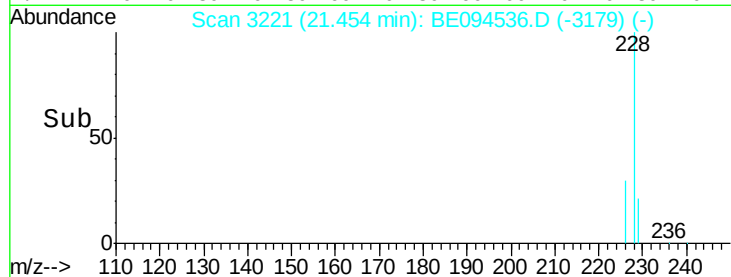
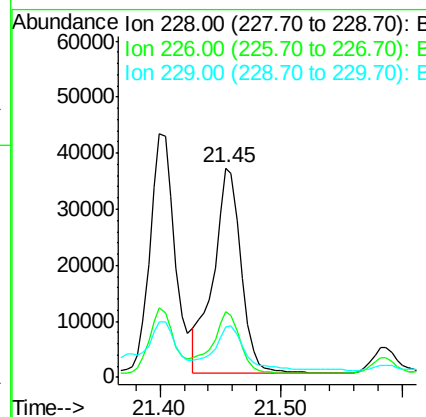
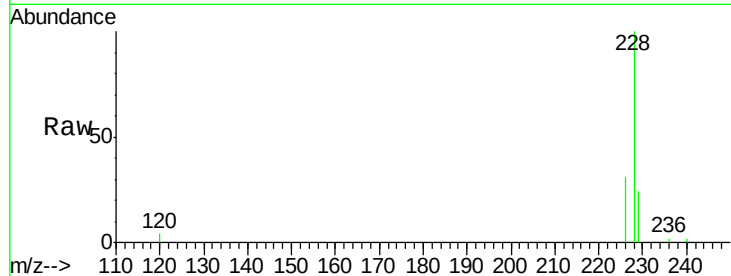
Concen: 2.161 ng/ul
 RT: 21.45 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BE094536.D
 Acq: 25 Oct 2017 17:01

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Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	24.3	17.7	26.5

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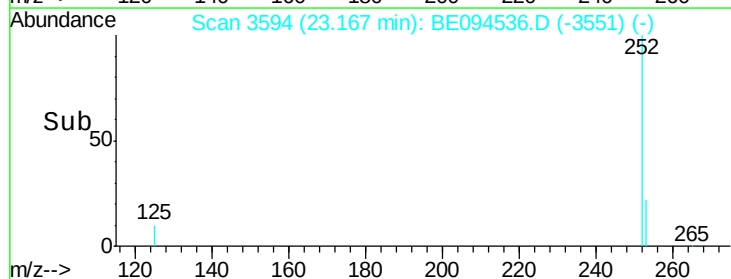
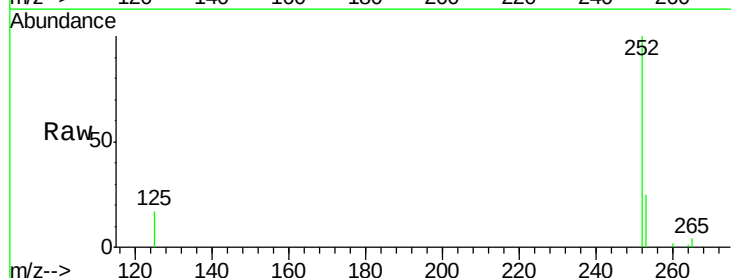
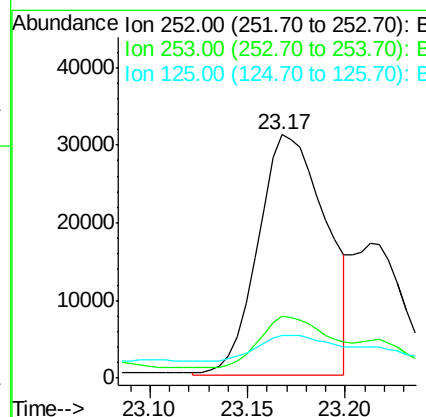


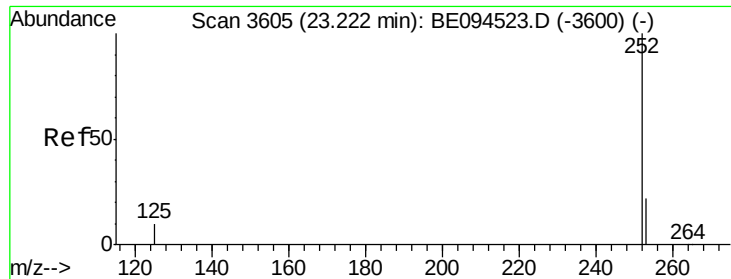
#21

Benzo(b)fluoranthene

Concen: 2.953 ng/ul m
 RT: 23.17 min Scan# 3594
 Delta R.T. -0.00 min
 Lab File: BE094536.D
 Acq: 25 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	64.2
125	17.5	0.0	35.0





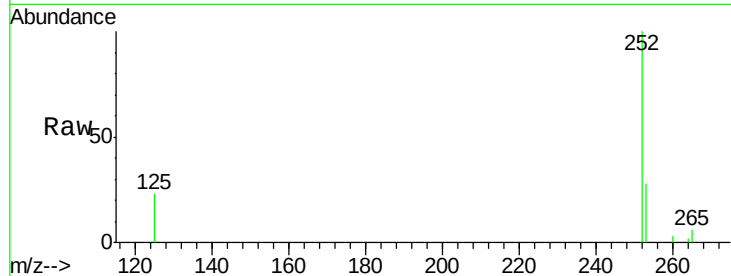
#22
Benzo(k)fluoranthene
Concen: 1.118 ng/ul m
RT: 23.21 min Scan# 3604
Delta R.T. -0.01 min
Lab File: BE094536.D
Acq: 25 Oct 2017 17:01

Instrument :
BNA_E
ClientSampleId :
B-30(3-3.8)-100417DL

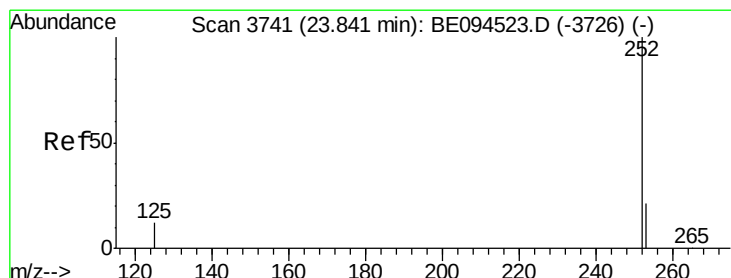
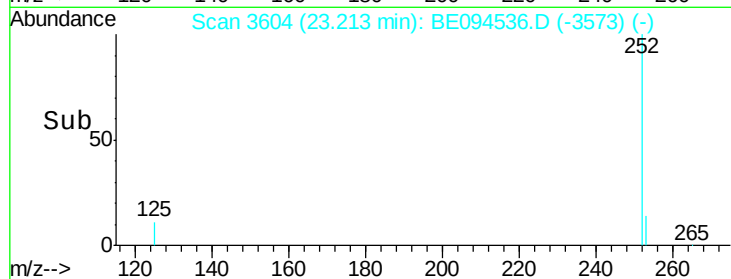
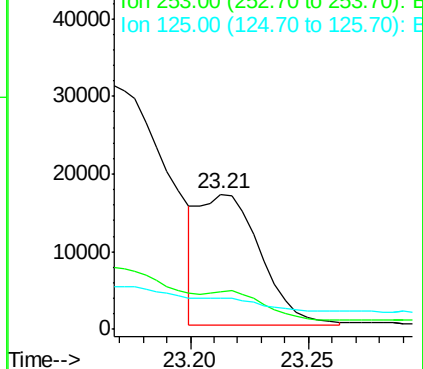
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	24.5	36.7
125	23.4	13.7	20.5#

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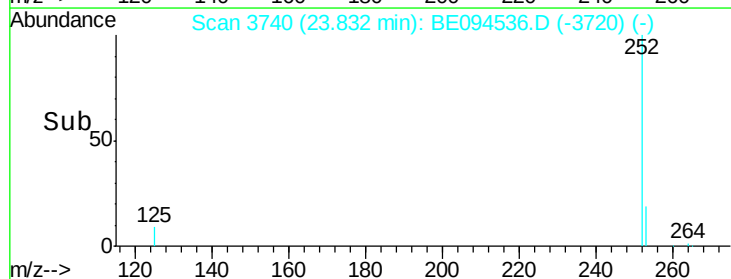
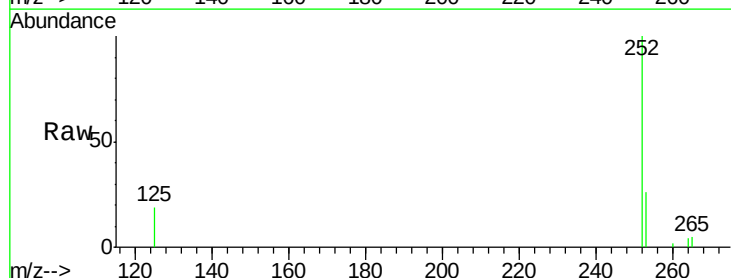
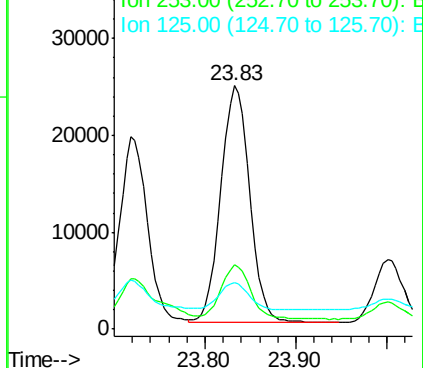
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

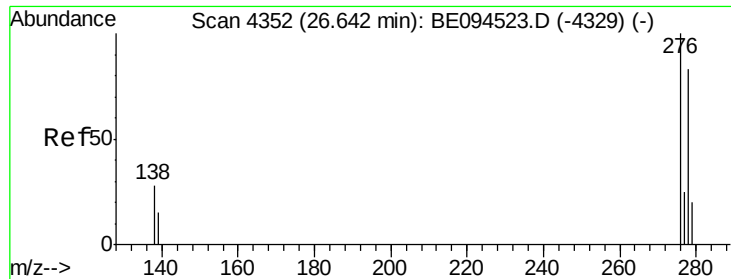


#23
Benzo(a)pyrene
Concen: 2.113 ng/ul
RT: 23.83 min Scan# 3740
Delta R.T. -0.01 min
Lab File: BE094536.D
Acq: 25 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	28.5	42.7#
125	19.1	18.1	27.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





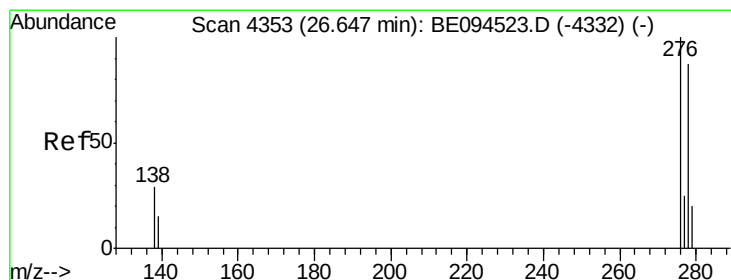
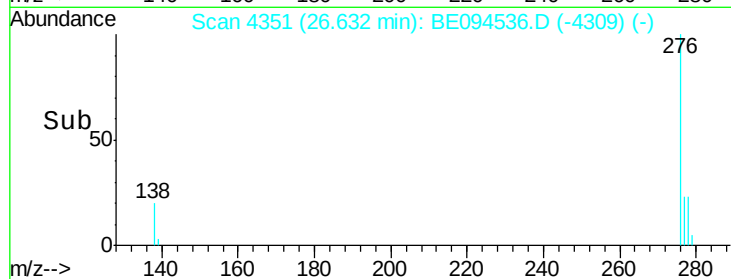
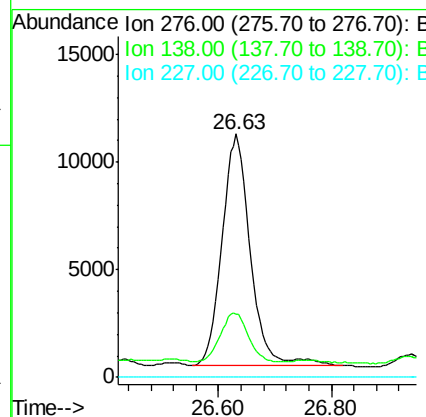
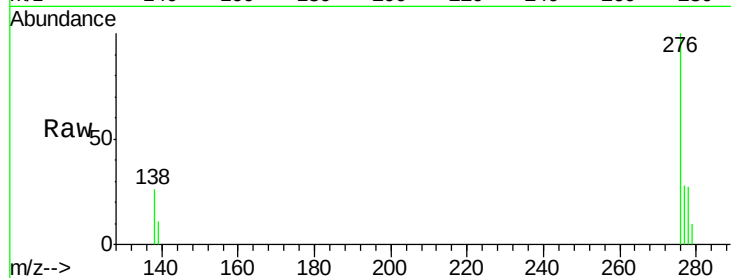
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.411 ng/ul
 RT: 26.63 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: BE094536.D
 Acq: 25 Oct 2017 17:01

Instrument :
 BNA_E
 ClientSampleId :
 B-30(3-3.8)-100417DL

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

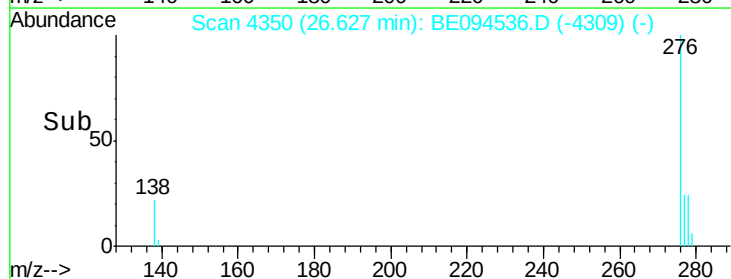
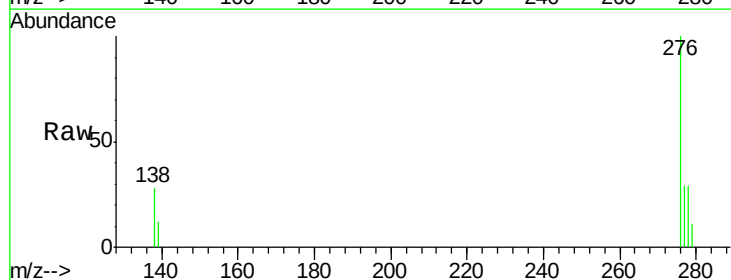
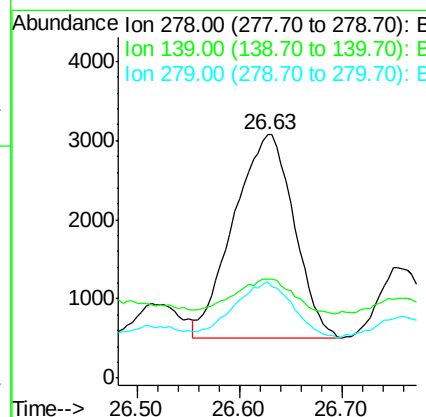
Manual Integrations
 APPROVED

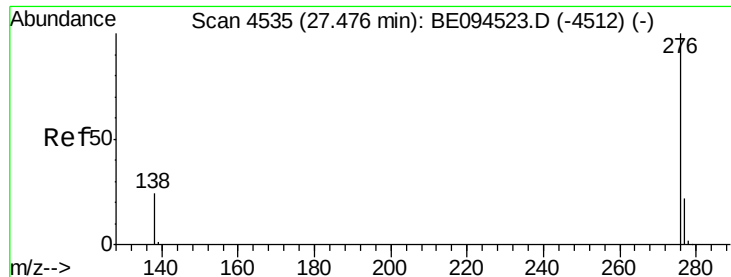
Sohil
 10/27/2017 8:28:47 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.469 ng/ul
 RT: 26.63 min Scan# 4350
 Delta R.T. -0.01 min
 Lab File: BE094536.D
 Acq: 25 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.5	17.4	26.0#
279	39.5	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 1.489 ng/ul

RT: 27.47 min Scan# 4535

Delta R.T. -0.01 min

Lab File: BE094536.D

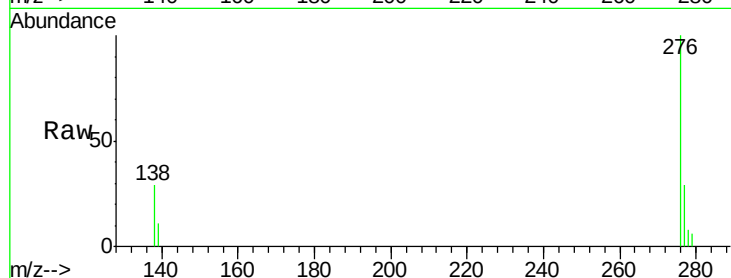
Acq: 25 Oct 2017 17:01

Instrument :

BNA_E

ClientSampleId :

B-30(3-3.8)-100417DL



Tgt Ion: 276 Resp: 31660

Ion Ratio Lower Upper

276 100

138 28.9 21.8 32.8

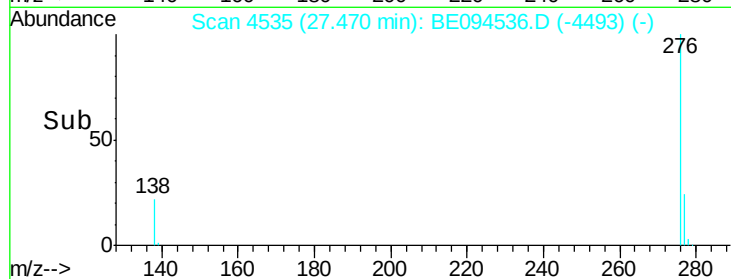
277 29.3 20.5 30.7

Manual Integrations

APPROVED

Sohil

10/27/2017 8:28:47 AM



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

