

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
 Data File : BE094757.D
 Acq On : 6 Nov 2017 17:27
 Operator : SJ/JU
 Sample : I6175-02 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-79(1-2)-102617

Manual Integrations
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Quant Time: Nov 07 01:10:09 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 00:12:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1340	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	7943	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4643	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9481	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9388	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	10212	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	740	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	852	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	23961	1.234	ng/ul#	95
5) 2-Methylnaphthalene	12.34	142	20433	1.504	ng/ul	98
8) Acenaphthene	14.57	153	8910	0.590	ng/ul	95
9) Fluorene	15.57	166	16914	0.998	ng/ul	95
12) Phenanthrene	17.29	178	98460	3.932	ng/ul#	89
13) Anthracene	17.38	178	5485	0.222	ng/ul#	92
15) Fluoranthene	19.31	202	37988	1.312	ng/ul	83
17) Pyrene	19.67	202	33975	1.171	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	5605	0.209	ng/ul#	78
19) Chrysene	21.47	228	8426	0.304	ng/ul#	81
21) Benzo(b)fluoranthene	23.20	252	5080m	0.177	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	1841m	0.060	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.69	276	1392	0.047	ng/ul#	70
26) Benzo(g,h,i)perylene	27.52	276	1839	0.077	ng/ul#	29

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

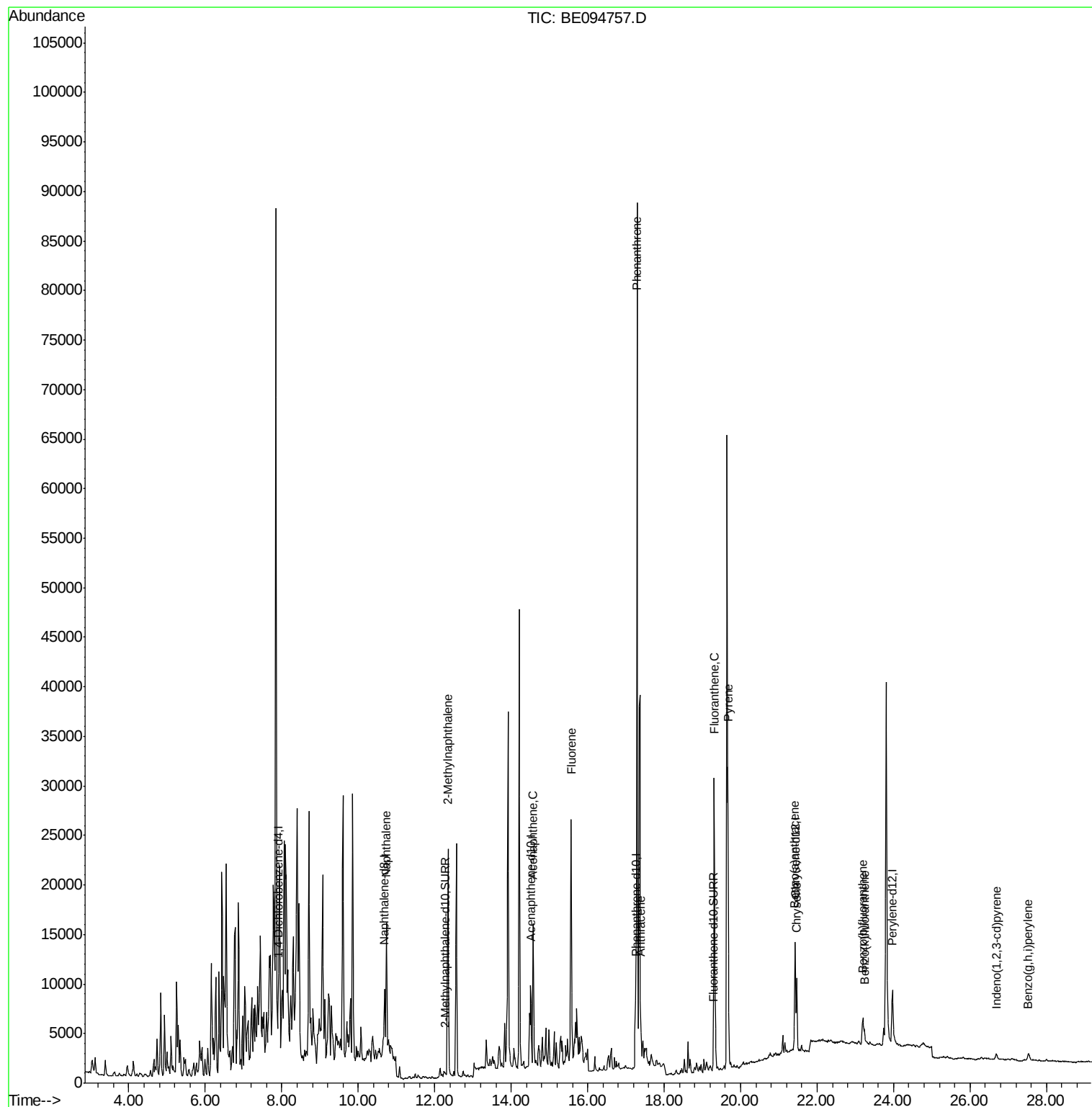
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

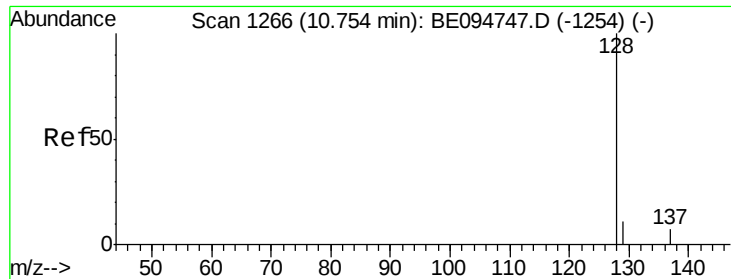
Instrument :
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B-79(1-2)-102617

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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#3

Naphthalene

Concen: 1.234 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094757.D

Acq: 6 Nov 2017 17:27

Instrument :

BNA_E

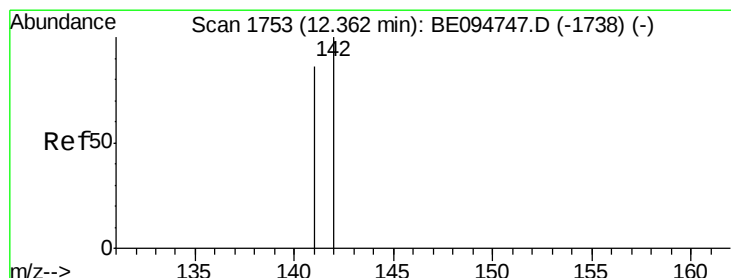
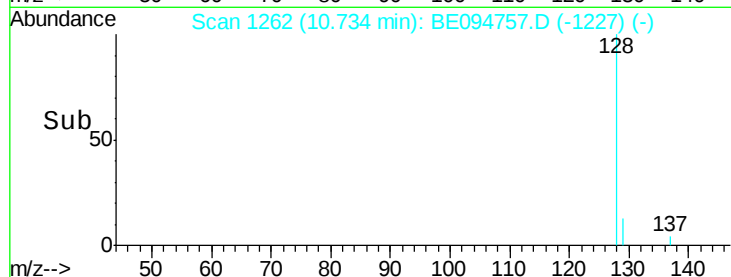
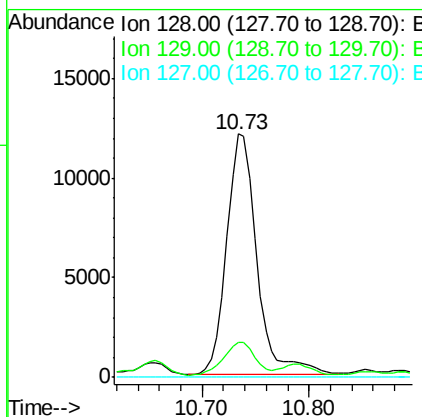
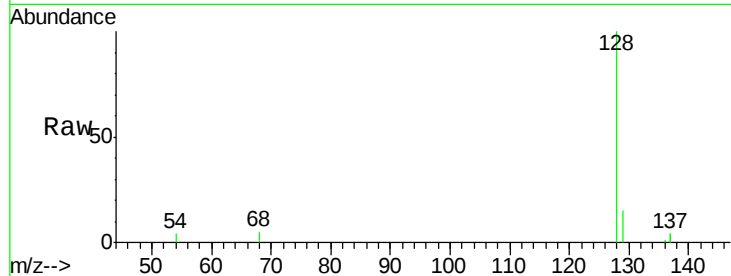
ClientSampleId :

B-79(1-2)-102617

Tgt Ion:	128	Resp:	23961
Ion Ratio	Lower	Upper	
128	100		
129	14.6	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.504 ng/ul

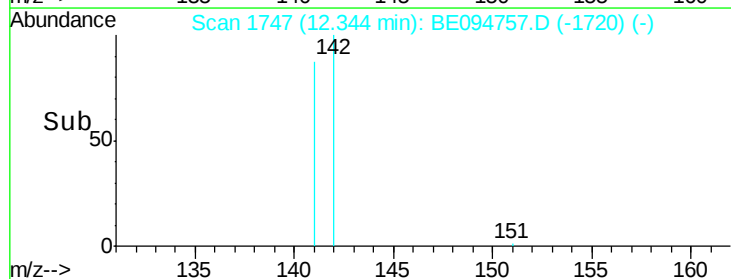
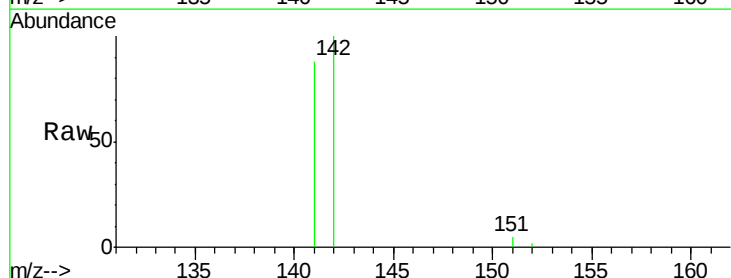
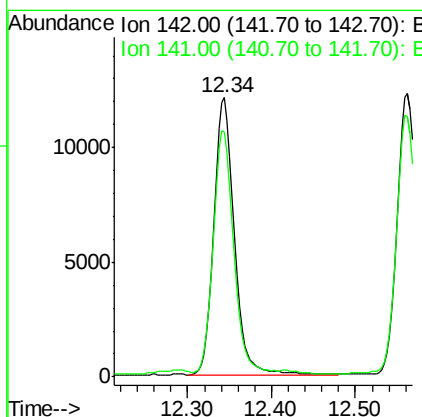
RT: 12.34 min Scan# 1747

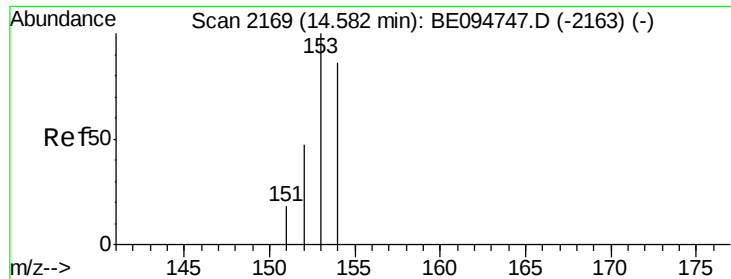
Delta R.T. -0.02 min

Lab File: BE094757.D

Acq: 6 Nov 2017 17:27

Tgt Ion:	142	Resp:	20433
Ion Ratio	Lower	Upper	
142	100		
141	89.3	72.6	108.8





#8

Acenaphthene

Concen: 0.590 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094757.D

Acq: 6 Nov 2017 17:27

Instrument :

BNA_E

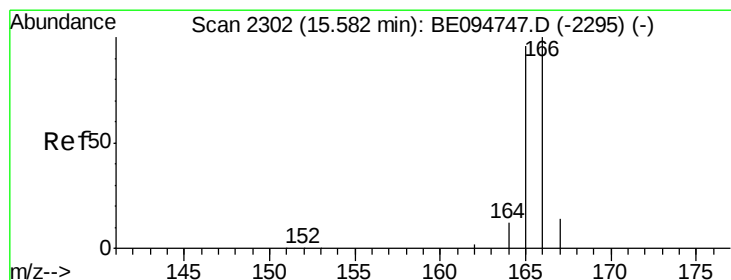
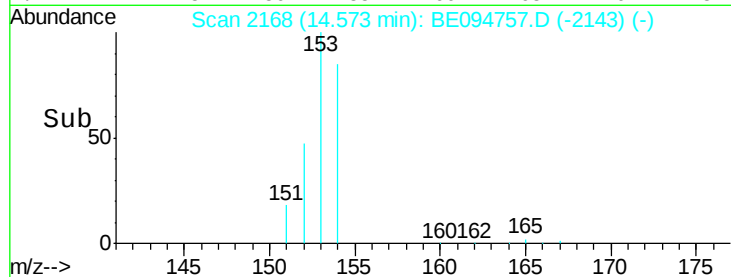
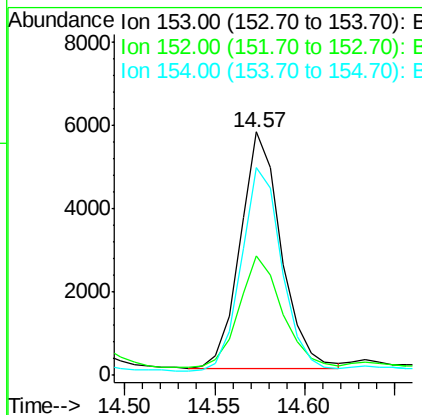
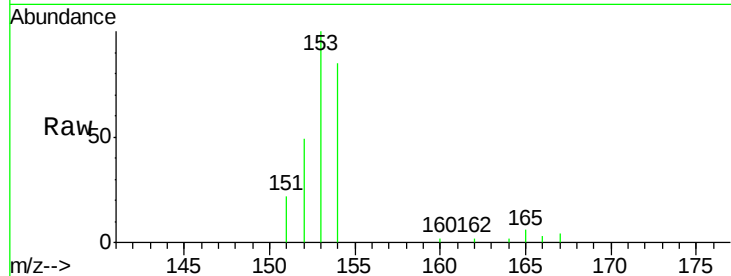
ClientSampleId :

B-79(1-2)-102617

Tgt Ion:	153	Resp:	8910
Ion Ratio	Lower	Upper	
153	100		
152	48.8	36.0	54.0
154	85.5	72.0	108.0

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#9

Fluorene

Concen: 0.998 ng/ul

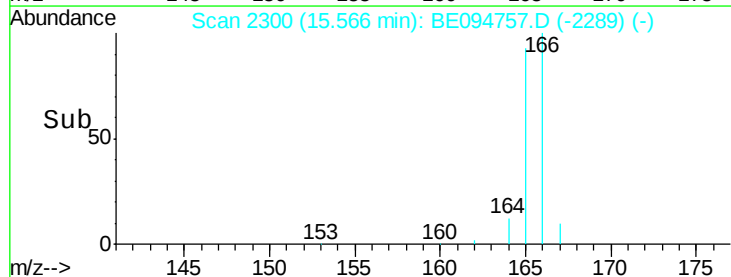
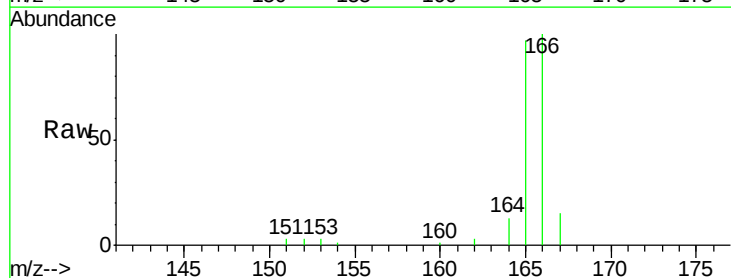
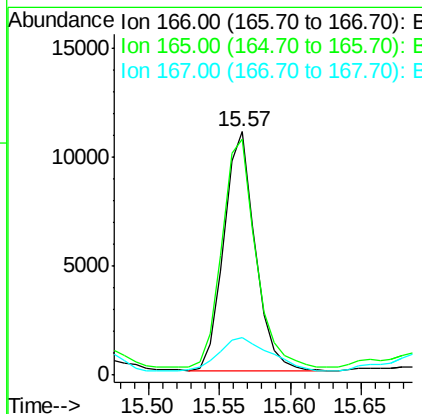
RT: 15.57 min Scan# 2300

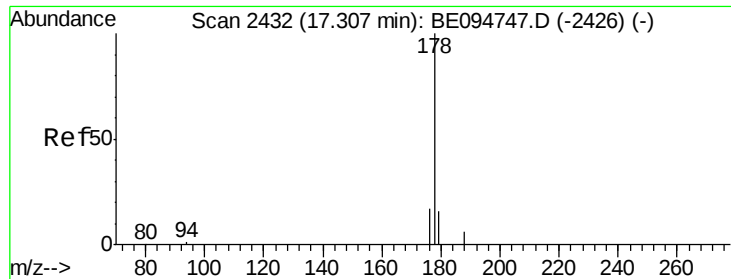
Delta R.T. -0.02 min

Lab File: BE094757.D

Acq: 6 Nov 2017 17:27

Tgt Ion:	166	Resp:	16914
Ion Ratio	Lower	Upper	
166	100		
165	96.7	73.4	110.2
167	15.3	14.6	22.0





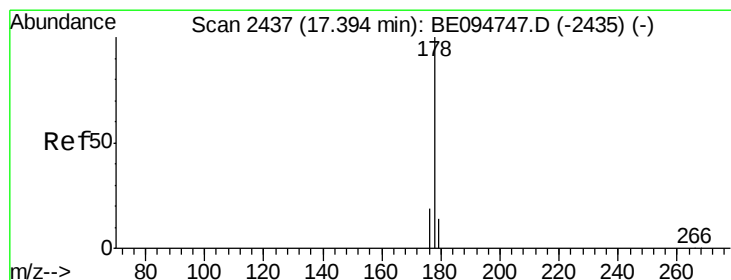
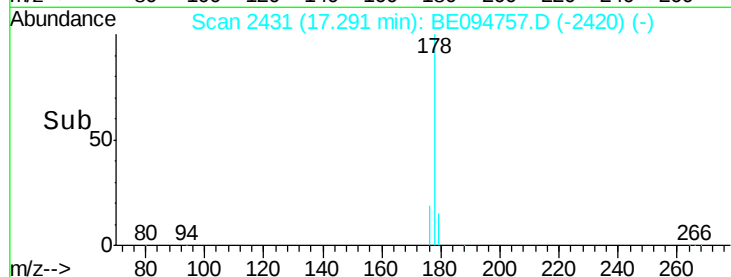
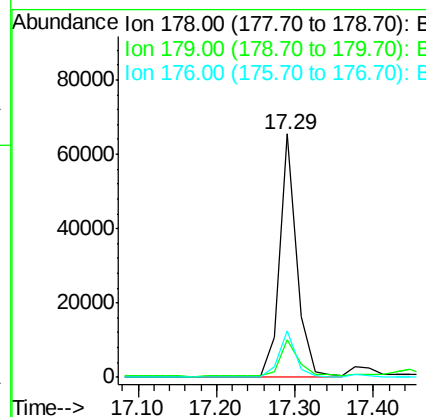
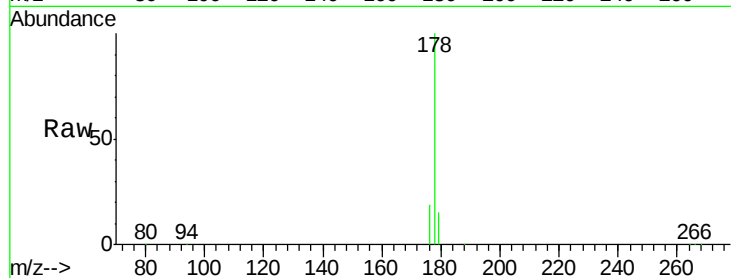
#12
Phenanthrene
Concen: 3.932 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094757.D
Acq: 6 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	19.0	13.6	20.4

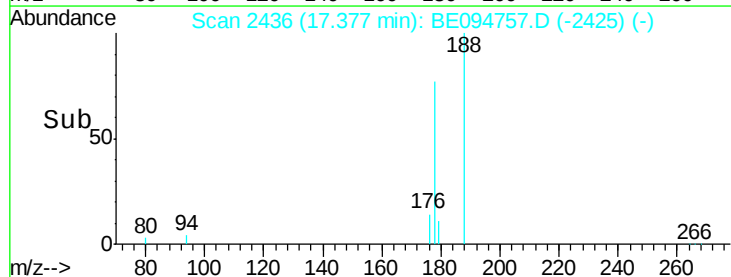
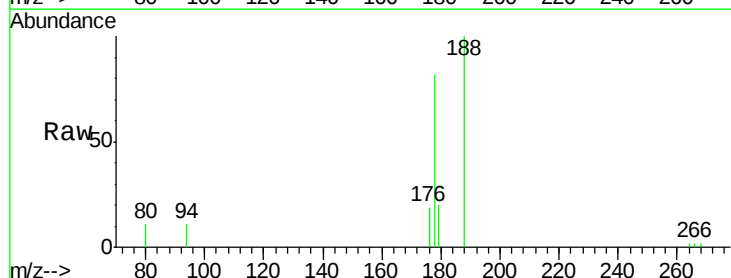
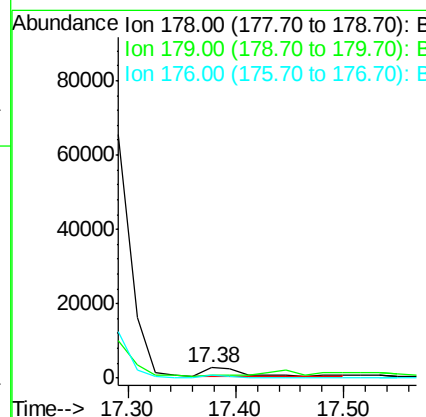
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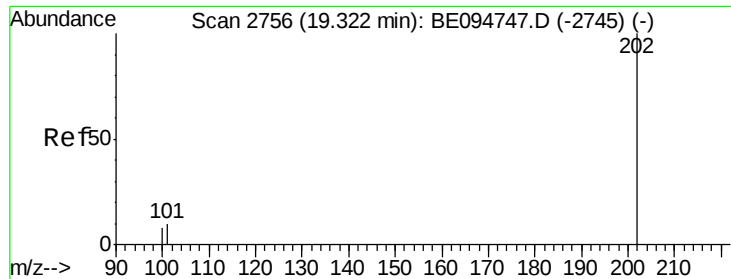
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#13
Anthracene
Concen: 0.222 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094757.D
Acq: 6 Nov 2017 17:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	25.0	18.1	27.1
176	23.2	14.7	22.1#





#15

Fluoranthene

Concen: 1.312 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094757.D

Acq: 6 Nov 2017 17:27

Instrument :

BNA_E

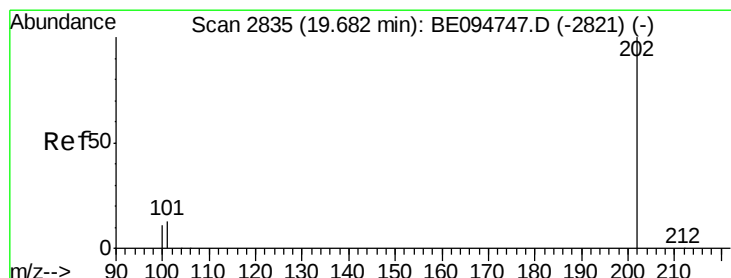
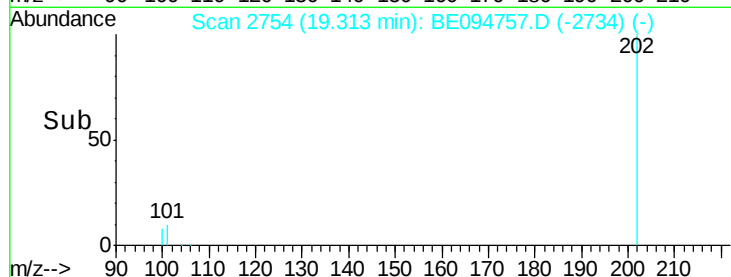
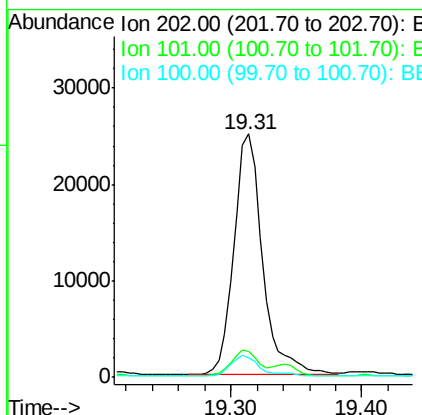
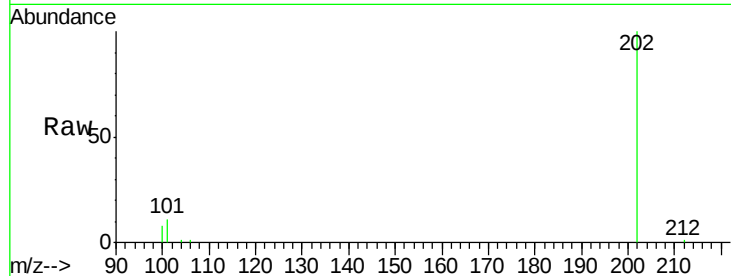
ClientSampleId :

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Tgt Ion:	202	Resp:	37988
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.3
100	8.3	0.0	39.5

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#17

Pyrene

Concen: 1.171 ng/ul

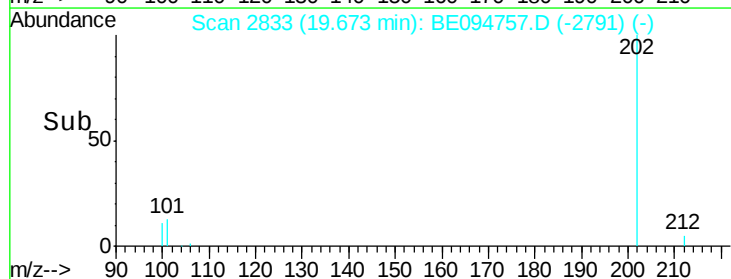
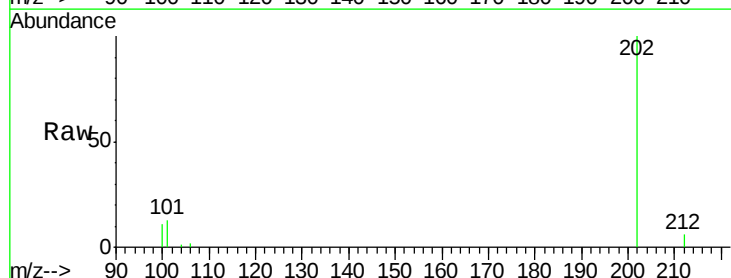
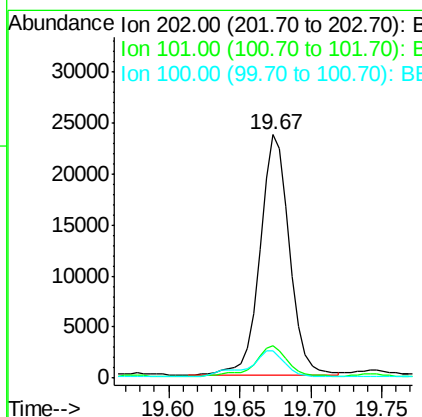
RT: 19.67 min Scan# 2833

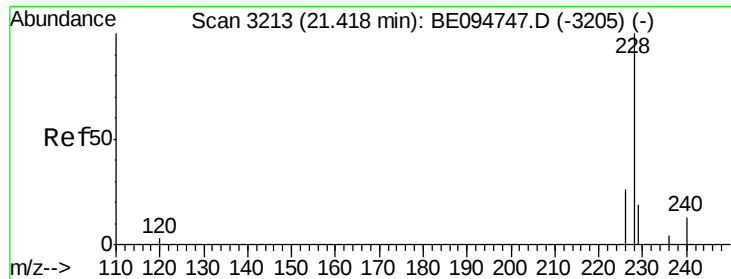
Delta R.T. -0.01 min

Lab File: BE094757.D

Acq: 6 Nov 2017 17:27

Tgt Ion:	202	Resp:	33975
Ion Ratio	Lower	Upper	
202	100		
101	13.5	18.2	27.4#
100	11.4	15.6	23.4#





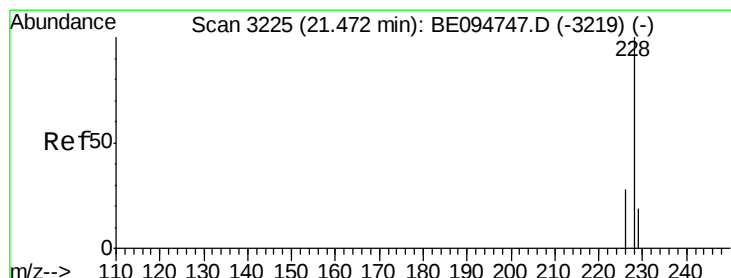
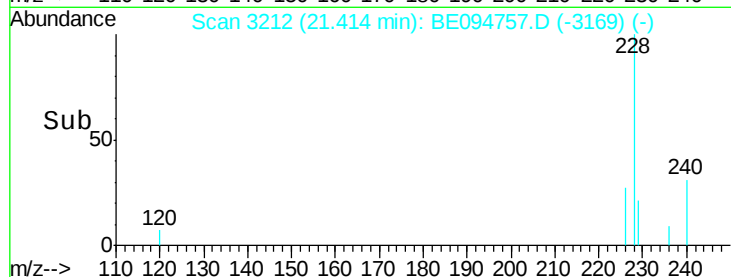
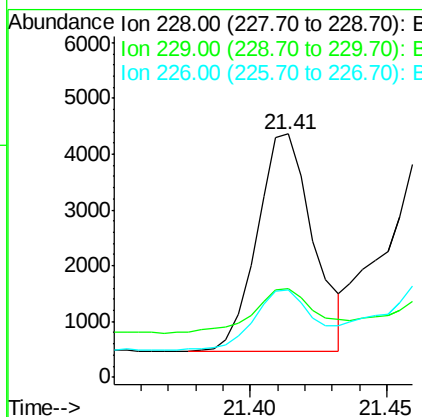
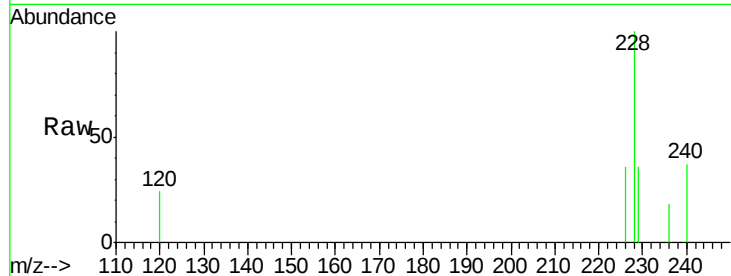
#18
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.41 min Scan# 3212
Delta R.T. -0.00 min
Lab File: BE094757.D
Acq: 6 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	36.4	22.8	34.2#
226	35.8	17.0	25.6#

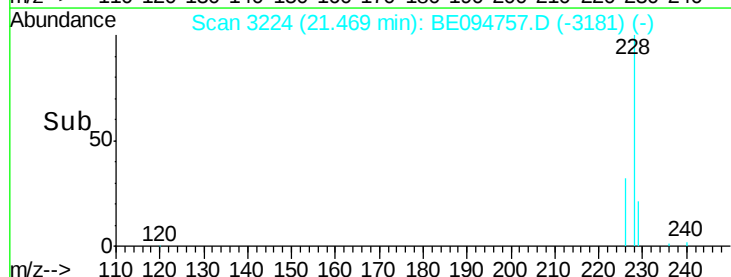
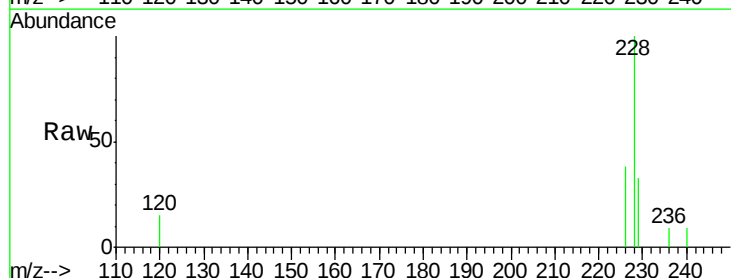
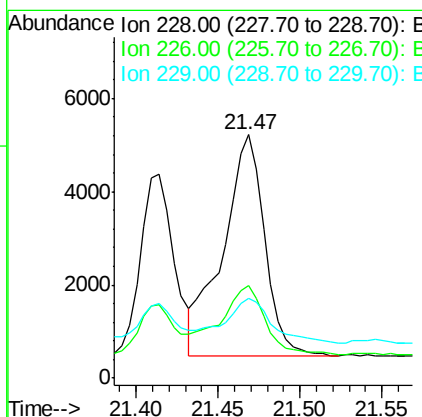
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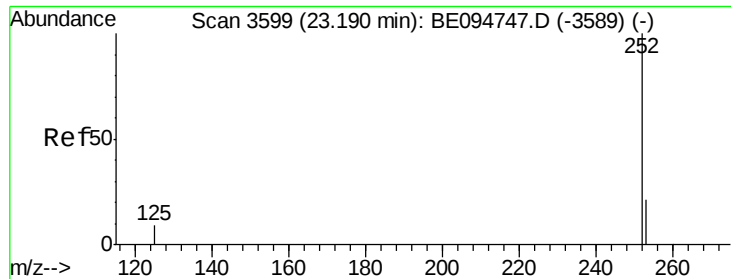
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#19
Chrysene
Concen: 0.304 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BE094757.D
Acq: 6 Nov 2017 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.2	23.4	35.0#
229	33.0	17.7	26.5#





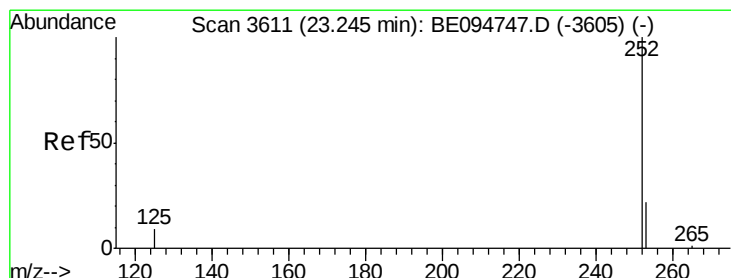
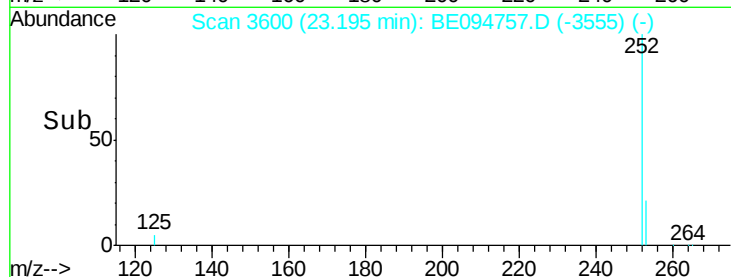
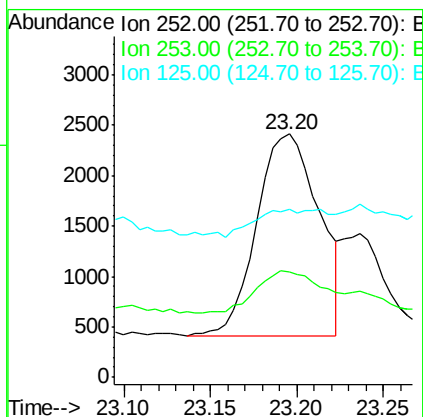
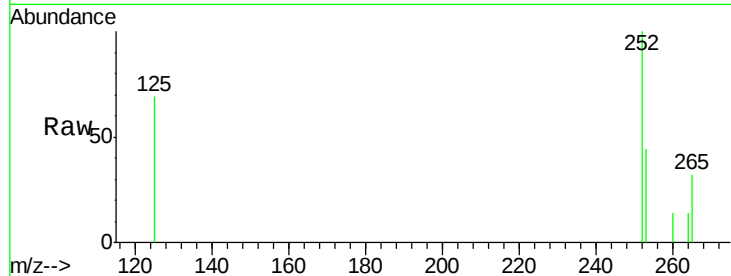
#21
Benzo(b)fluoranthene
Concen: 0.177 ng/ul m
RT: 23.20 min Scan# 3600
Delta R.T. 0.01 min
Lab File: BE094757.D
Acq: 6 Nov 2017 17:27

Instrument :
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ClientSampleId :
B-79(1-2)-102617

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.5	0.0	64.2
125	69.0	0.0	35.0#

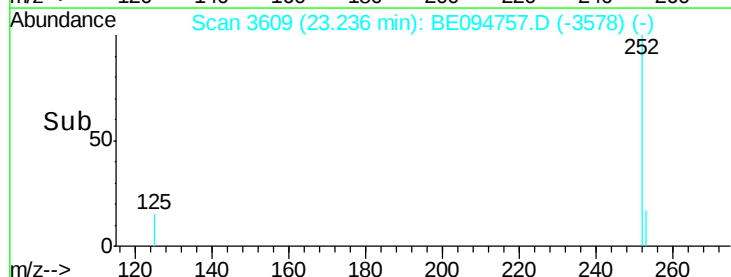
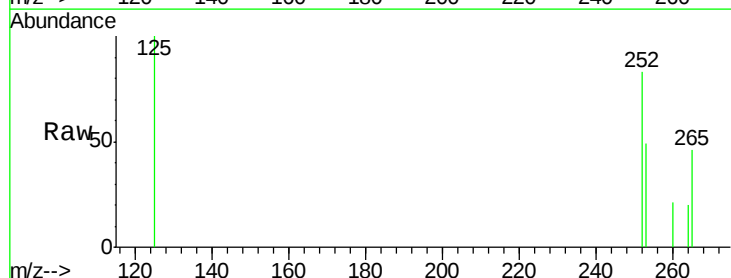
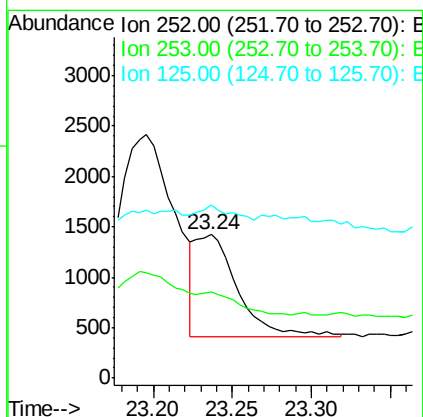
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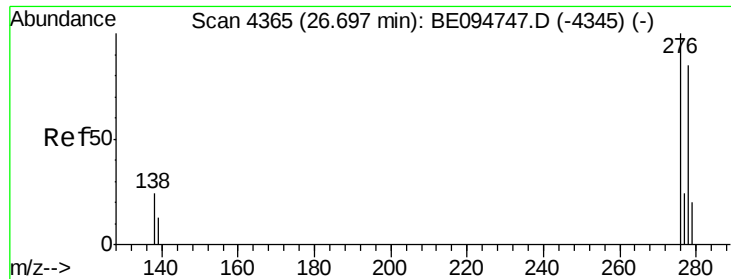
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#22
Benzo(k)fluoranthene
Concen: 0.060 ng/ul m
RT: 23.24 min Scan# 3609
Delta R.T. -0.01 min
Lab File: BE094757.D
Acq: 6 Nov 2017 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	59.7	24.5	36.7#
125	120.8	13.7	20.5#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.047 ng/ul

RT: 26.69 min Scan# 4363

Delta R.T. -0.01 min

Lab File: BE094757.D

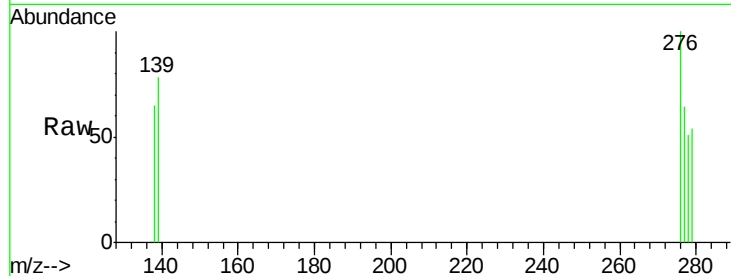
Acq: 6 Nov 2017 17:27

Instrument :

BNA_E

ClientSampleId :

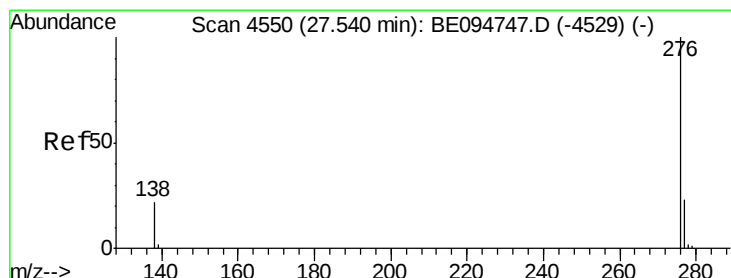
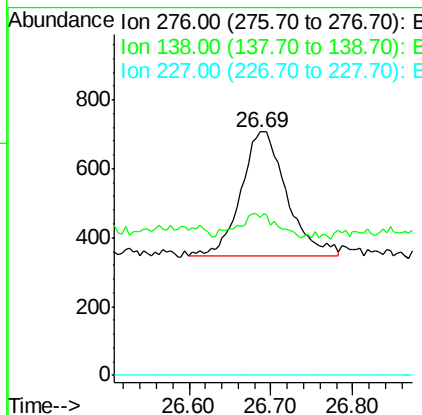
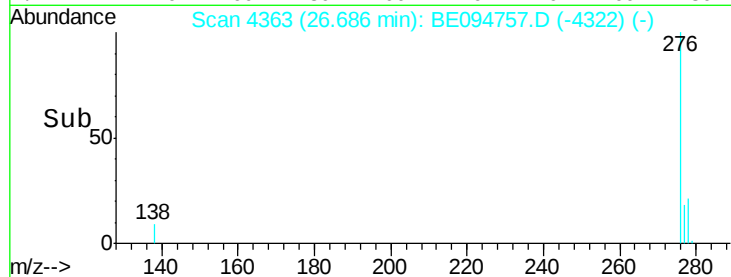
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Tgt Ion:	276	Resp:	1392
Ion Ratio	Lower	Upper	
276	100		
138	17.0	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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#26

Benzo(g,h,i)perylene

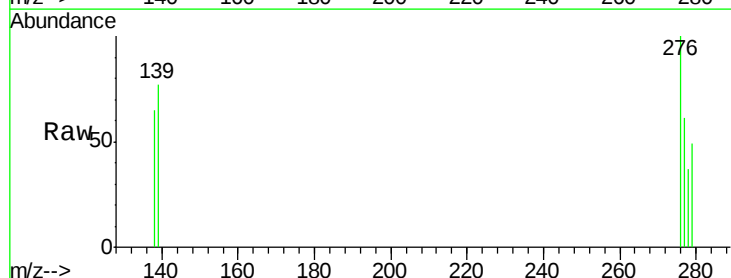
Concen: 0.077 ng/ul

RT: 27.52 min Scan# 4547

Delta R.T. -0.02 min

Lab File: BE094757.D

Acq: 6 Nov 2017 17:27



Tgt Ion:	276	Resp:	1839
Ion Ratio	Lower	Upper	
276	100		
138	64.9	21.8	32.8#
277	60.8	20.5	30.7#

