

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094737.D
 Acq On : 4 Nov 2017 8:42
 Operator : SJ/JU
 Sample : I5955-04 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-17(5-6.5)-101717

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Quant Time: Nov 06 16:55:36 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:30:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1338	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8056	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4577	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9779	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9824	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11700	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	1090	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2997m	0.10	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.23	152	1382	0.067	ng/ul#	81
12) Phenanthrene	17.29	178	5338	0.207	ng/ul#	94
13) Anthracene	17.38	178	2766m	0.109	ng/ul	
15) Fluoranthene	19.31	202	66943	2.242	ng/ul	84
17) Pyrene	19.67	202	75841	2.497	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	67565	2.406	ng/ul#	87
19) Chrysene	21.46	228	58507	2.015	ng/ul	95
21) Benzo(b)fluoranthene	23.18	252	88760m	2.697	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	28656m	0.812	ng/ul	
23) Benzo(a)pyrene	23.85	252	64842	1.971	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.66	276	35702	1.049	ng/ul#	72
25) Dibenzo(a,h)anthracene	26.65	278	8303	0.289	ng/ul#	69
26) Benzo(g,h,i)perylene	27.50	276	27005	0.988	ng/ul#	92

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

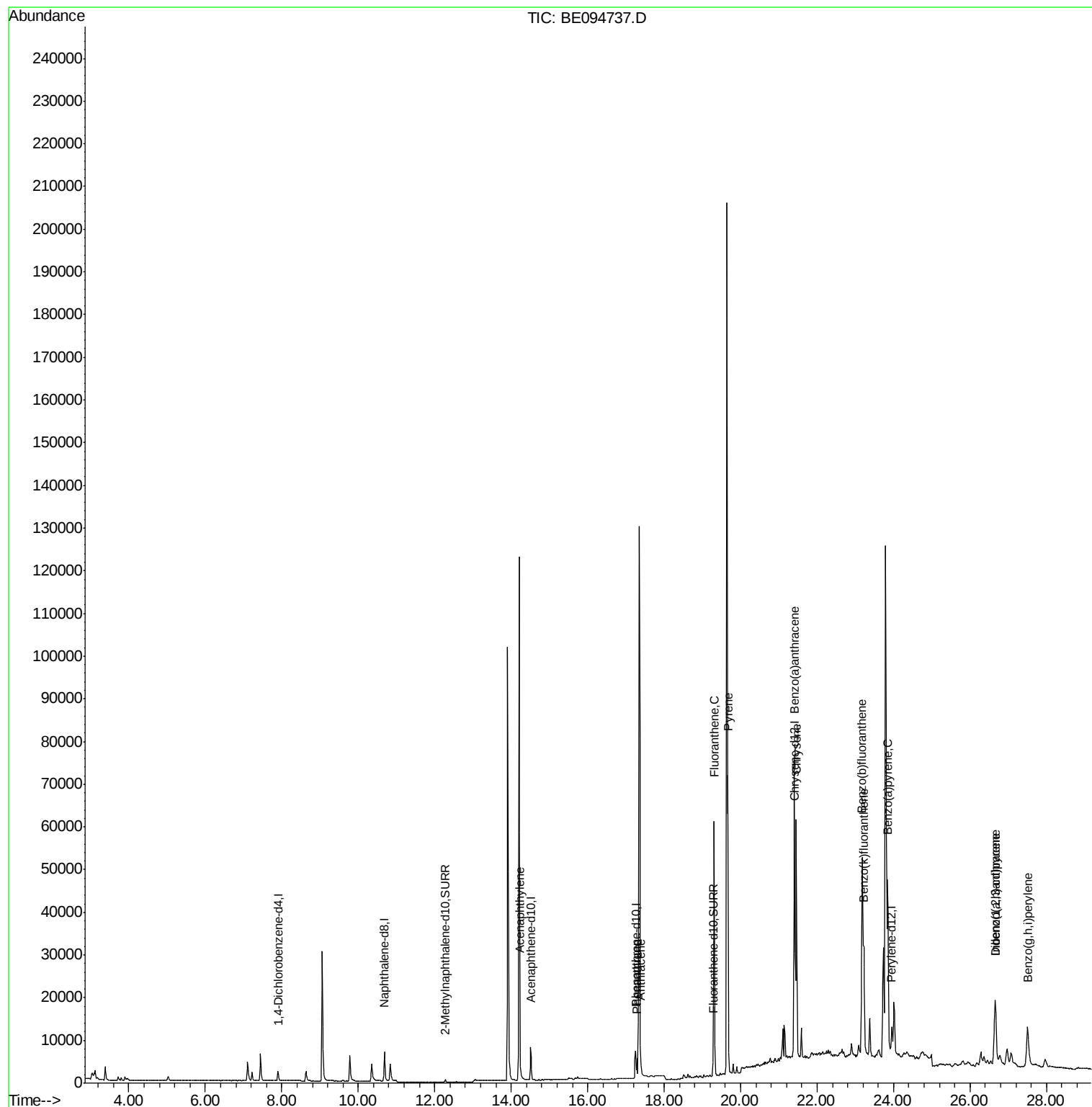
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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Misc :
ALS Vial : 36 Sample Multiplier: 1

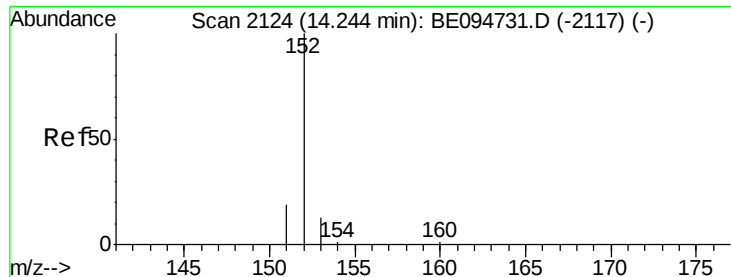
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Mon Nov 06 00:30:51 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.067 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE094737.D

Acq: 4 Nov 2017 8:42

Instrument :

BNA_E

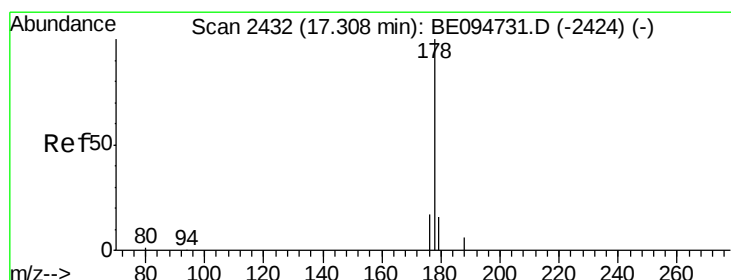
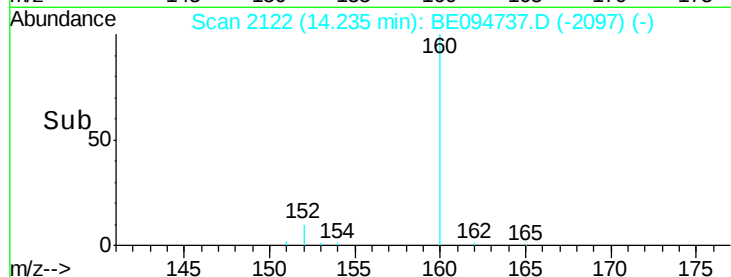
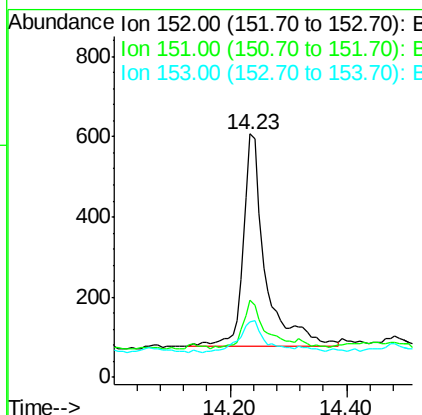
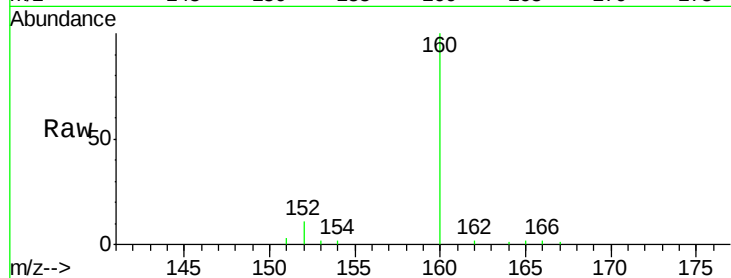
ClientSampleId :

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Tgt Ion:	152	Resp:	1382
Ion Ratio	Lower	Upper	
152	100		
151	31.6	17.1	25.7#
153	22.7	12.8	19.2#

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#12

Phenanthrene

Concen: 0.207 ng/ul

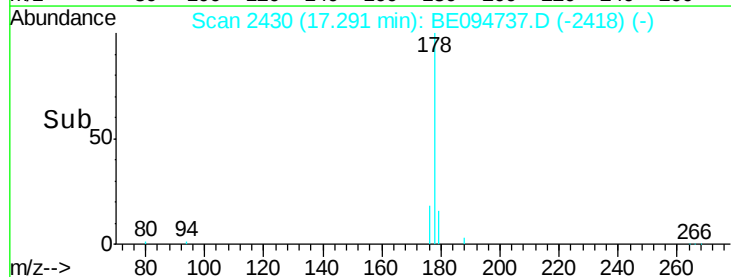
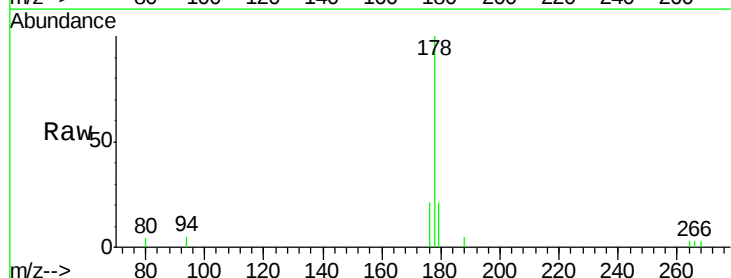
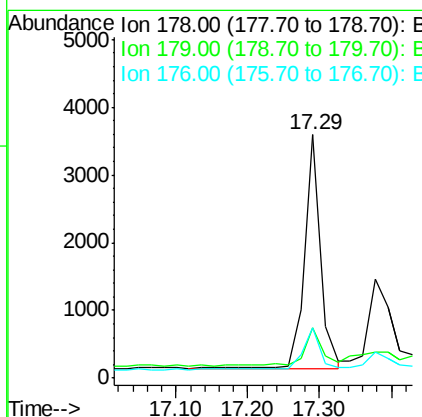
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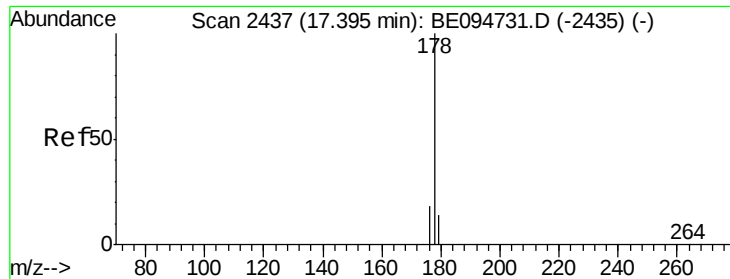
Delta R.T. -0.00 min

Lab File: BE094737.D

Acq: 4 Nov 2017 8:42

Tgt Ion:	178	Resp:	5338
Ion Ratio	Lower	Upper	
178	100		
179	20.6	18.4	27.6
176	20.5	13.6	20.4#





#13

Anthracene

Concen: 0.109 ng/ul m

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094737.D

Acq: 4 Nov 2017 8:42

Instrument :

BNA_E

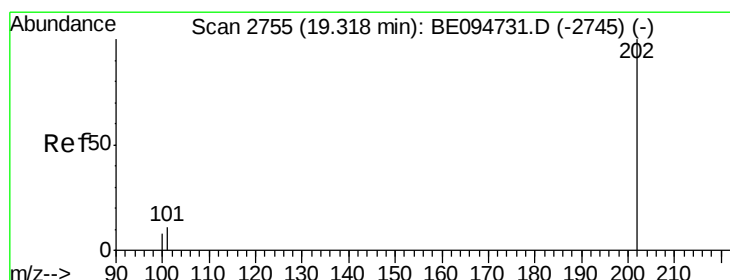
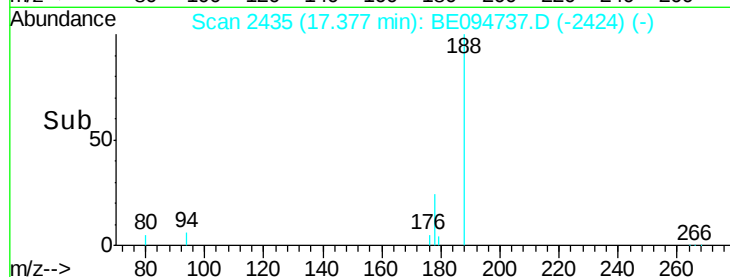
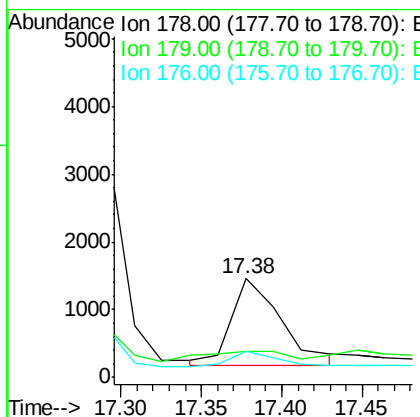
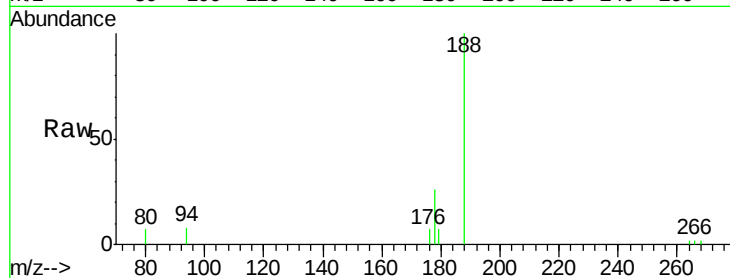
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Tgt Ion:	178	Resp:	2766
Ion Ratio	Lower	Upper	
178	100		
179	26.7	18.1	27.1
176	26.5	14.7	22.1#

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#15

Fluoranthene

Concen: 2.242 ng/ul

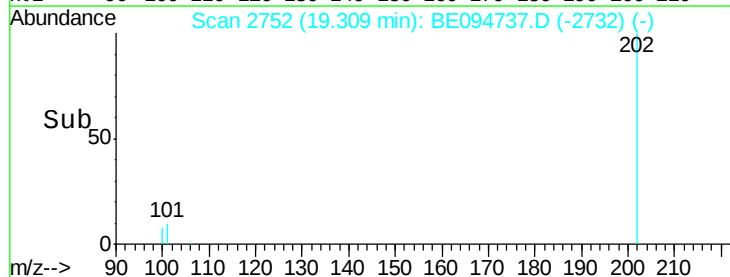
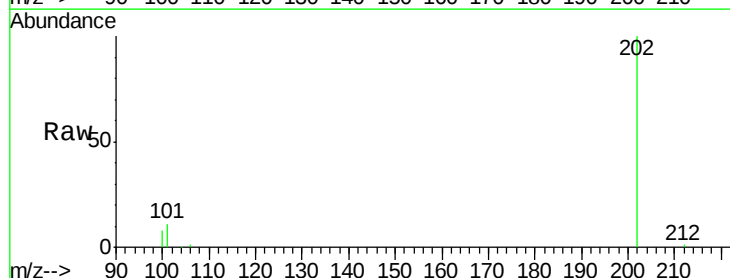
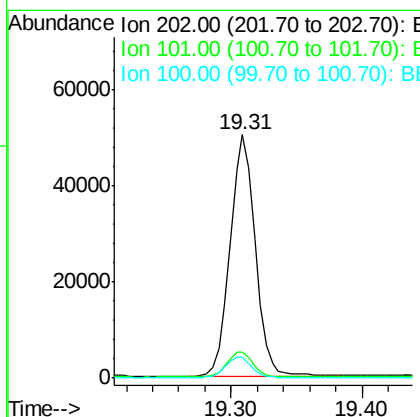
RT: 19.31 min Scan# 2752

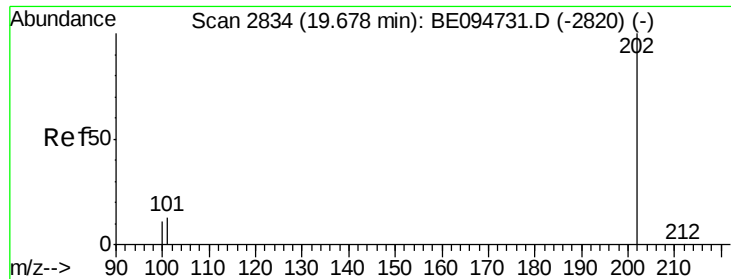
Delta R.T. -0.01 min

Lab File: BE094737.D

Acq: 4 Nov 2017 8:42

Tgt Ion:	202	Resp:	66943
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	30.3
100	8.5	0.0	39.5





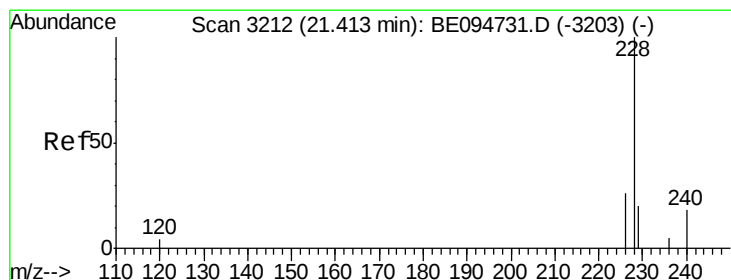
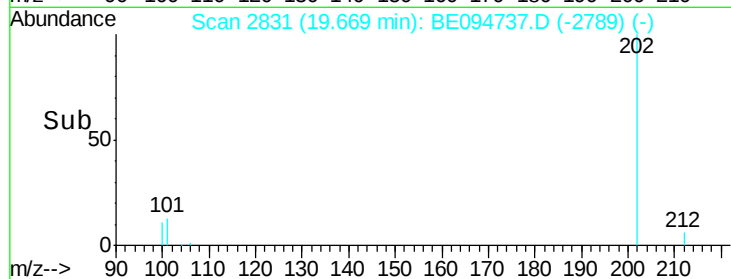
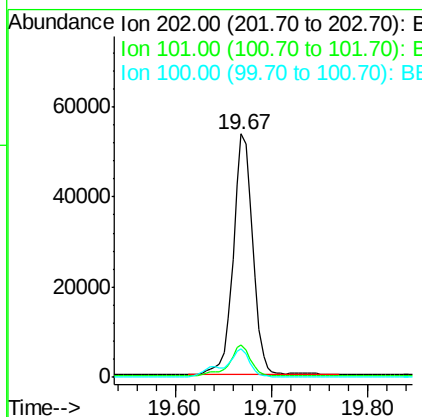
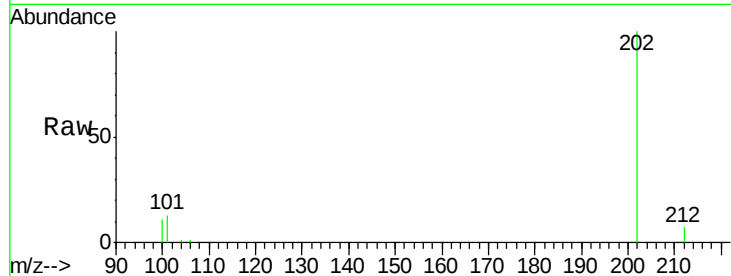
#17
Pyrene
 Concen: 2.497 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094737.D
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.5	15.6	23.4#

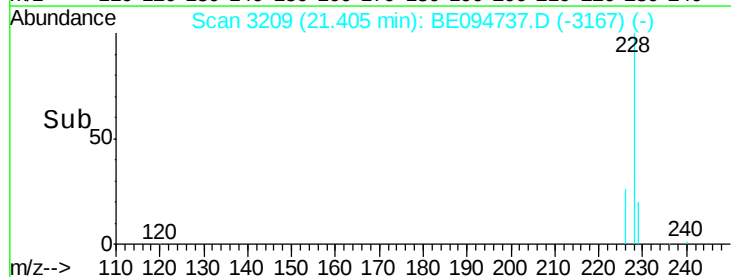
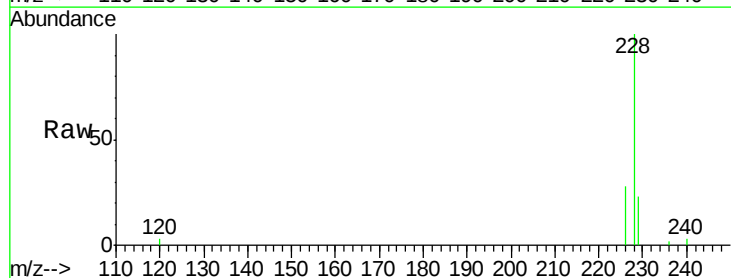
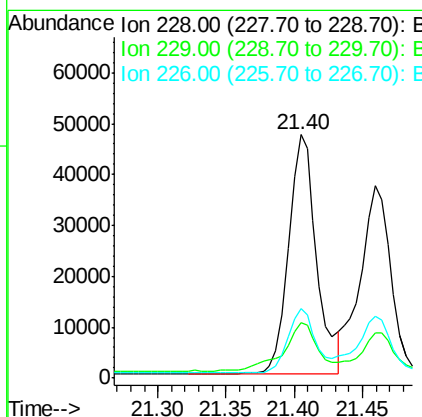
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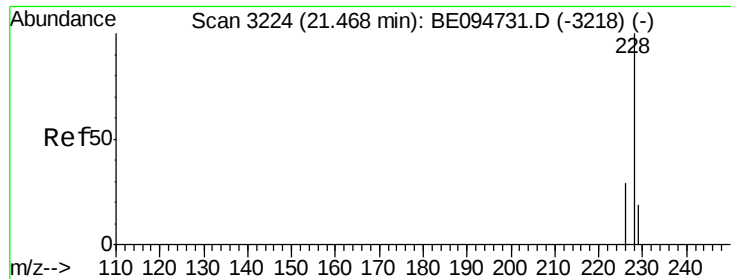
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#18
Benzo(a)anthracene
 Concen: 2.406 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BE094737.D
 Acq: 4 Nov 2017 8:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.9	22.8	34.2
226	28.4	17.0	25.6#



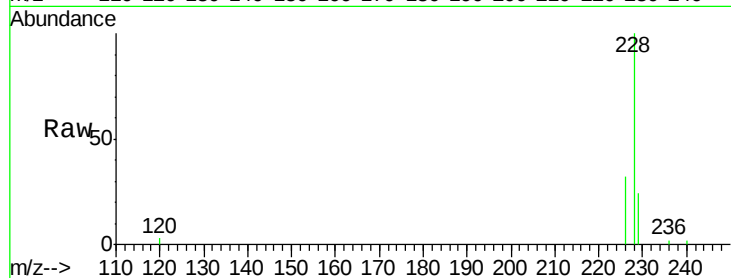


#19

Chrysene

Concen: 2.015 ng/ul
 RT: 21.46 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BE094737.D
 Acq: 4 Nov 2017 8:42

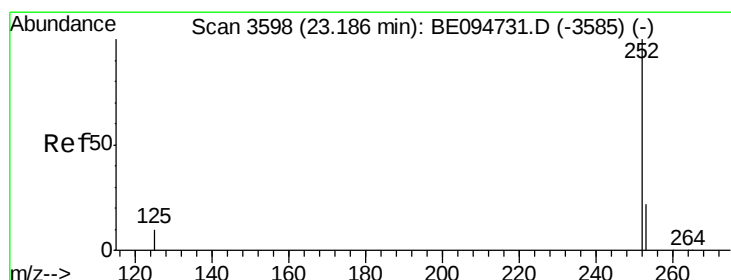
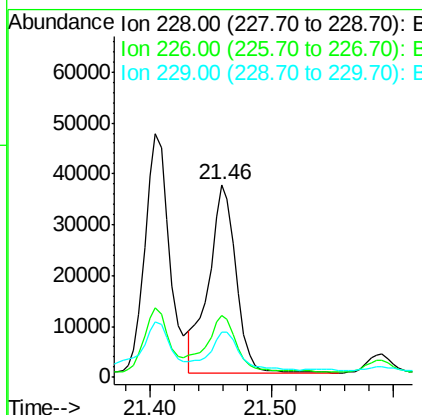
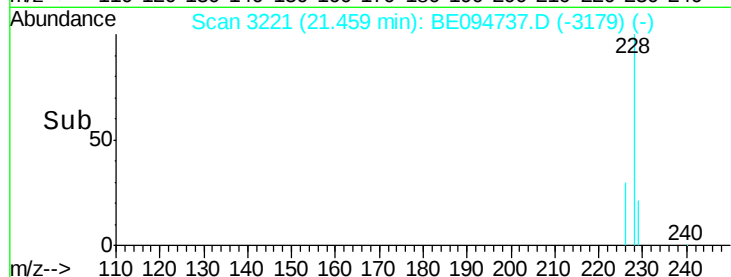
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Tgt Ion: 228 Resp: 58507
 Ion Ratio Lower Upper
 228 100
 226 32.5 23.4 35.0
 229 23.8 17.7 26.5

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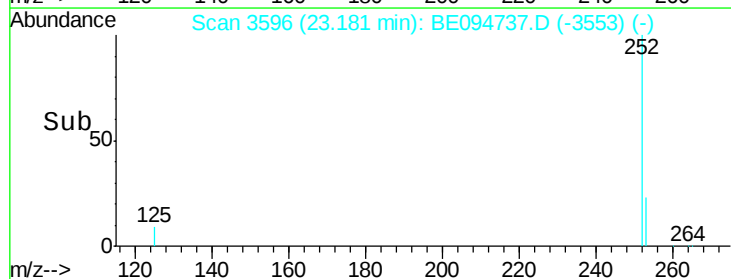
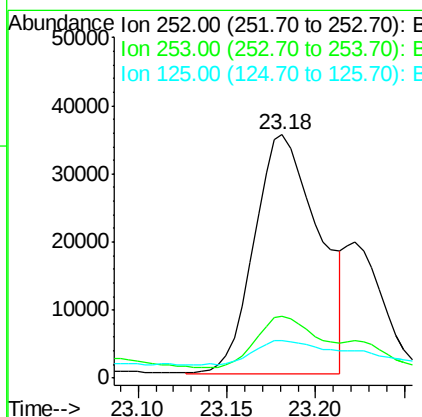
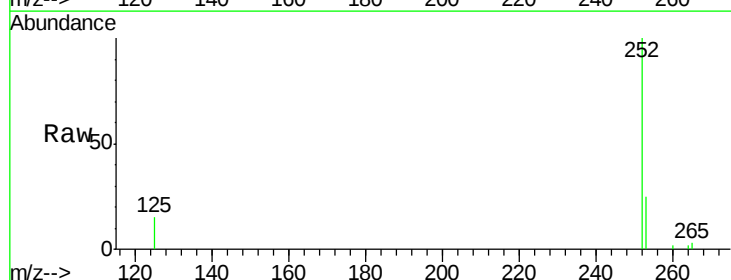


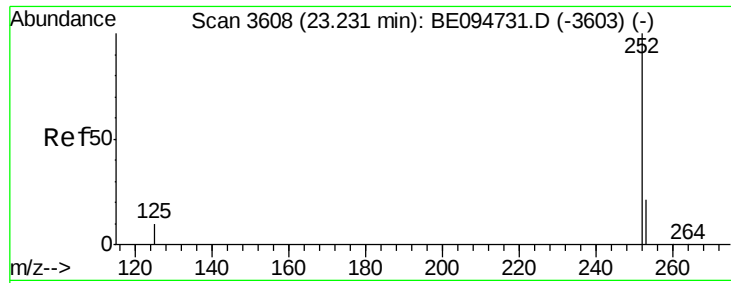
#21

Benzo(b)fluoranthene

Concen: 2.697 ng/ul m
 RT: 23.18 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: BE094737.D
 Acq: 4 Nov 2017 8:42

Tgt Ion: 252 Resp: 88760
 Ion Ratio Lower Upper
 252 100
 253 25.5 0.0 64.2
 125 15.3 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.812 ng/ul

RT: 23.22 min Scan# 3605

Delta R.T. -0.01 min

Lab File: BE094737.D

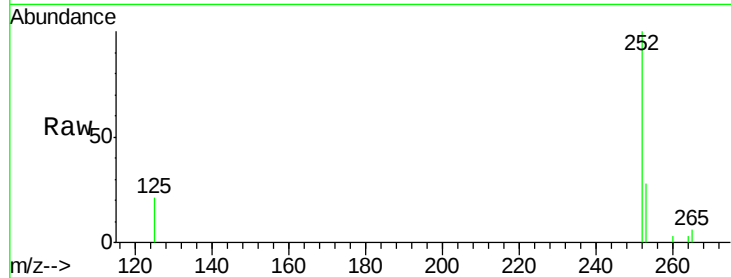
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Instrument :

BNA_E

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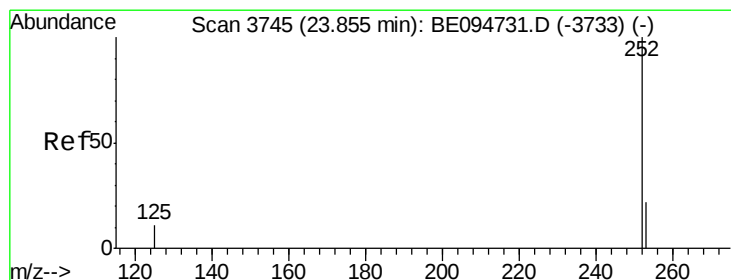
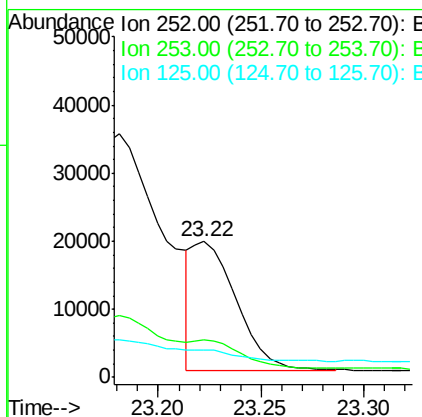
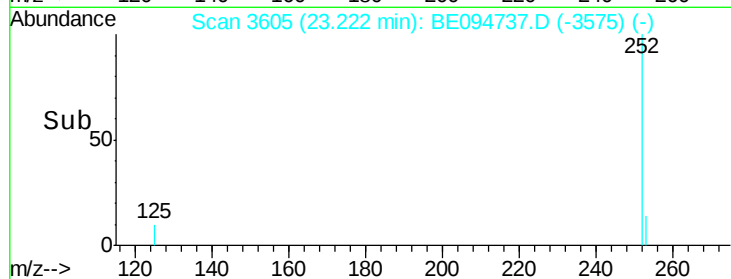
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	24.5	36.7
125	20.6	13.7	20.5#

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#23

Benzo(a)pyrene

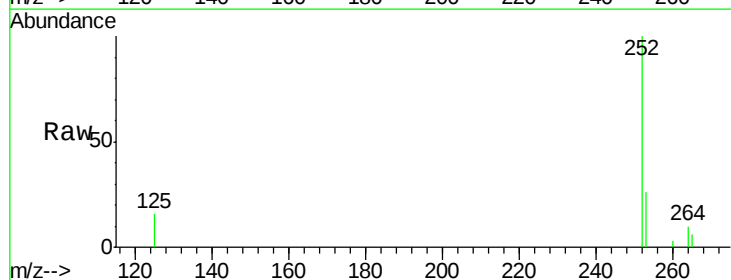
Concen: 1.971 ng/ul

RT: 23.85 min Scan# 3742

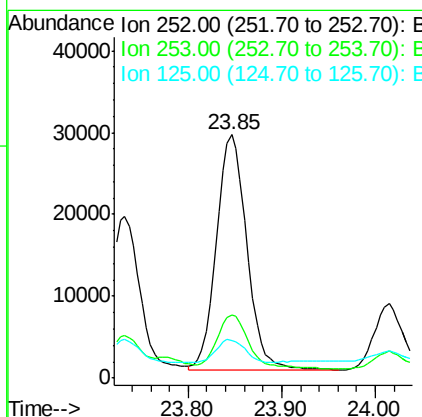
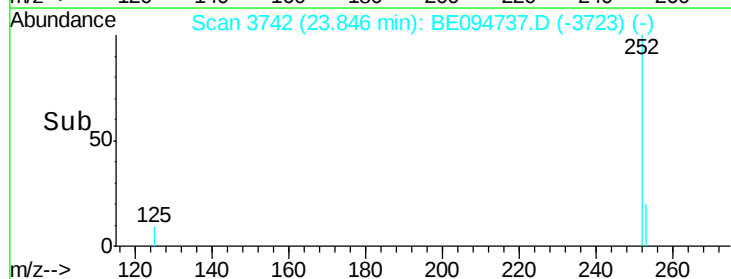
Delta R.T. -0.01 min

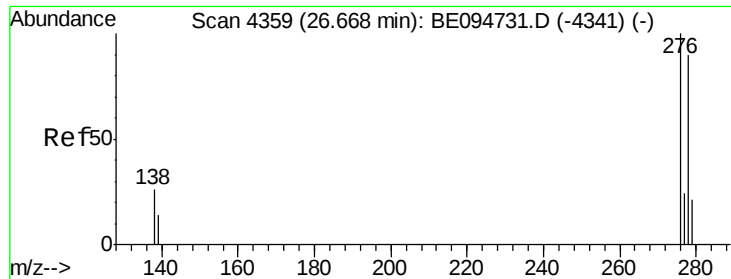
Lab File: BE094737.D

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	28.5	42.7#
125	15.7	18.1	27.1#





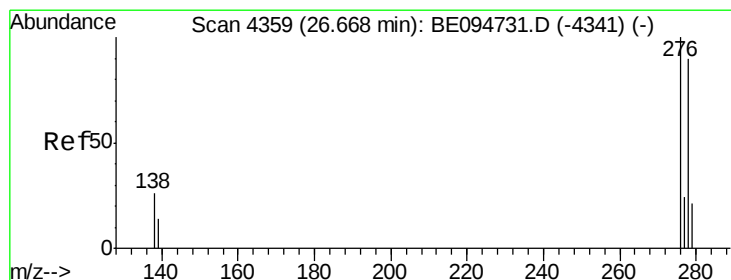
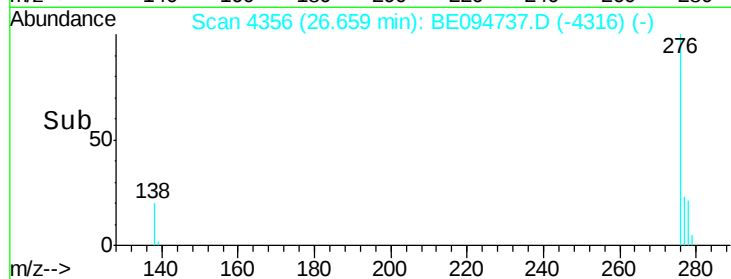
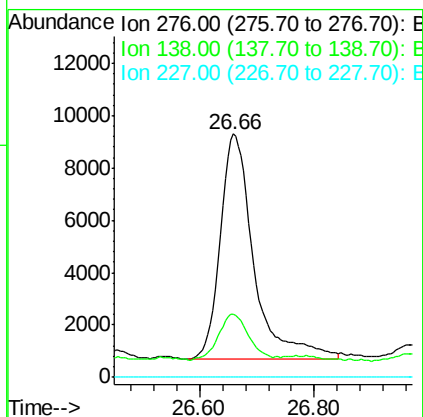
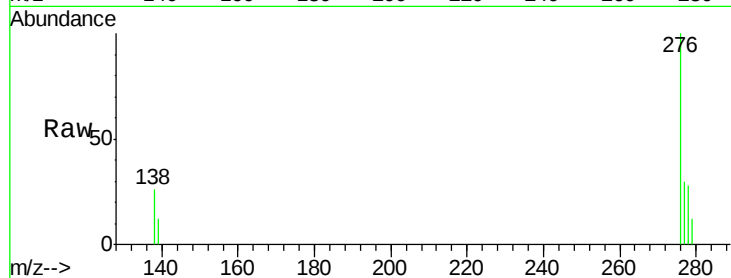
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.049 ng/u1
 RT: 26.66 min Scan# 4356
 Delta R.T. -0.02 min
 Lab File: BE094737.D
 Acq: 4 Nov 2017 8:42

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	28.0	42.0#
227	0.0	8.0	12.0#

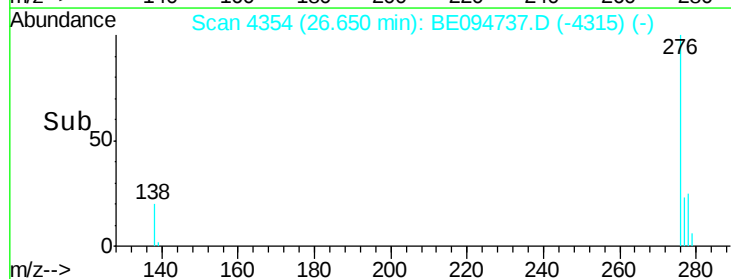
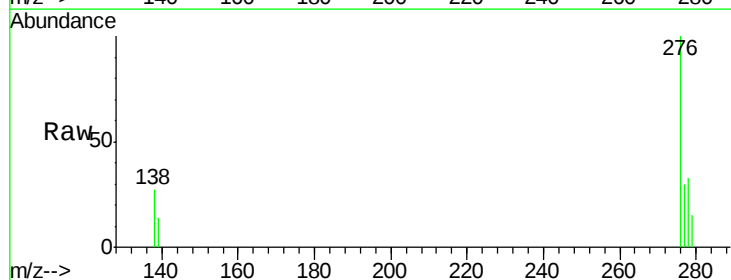
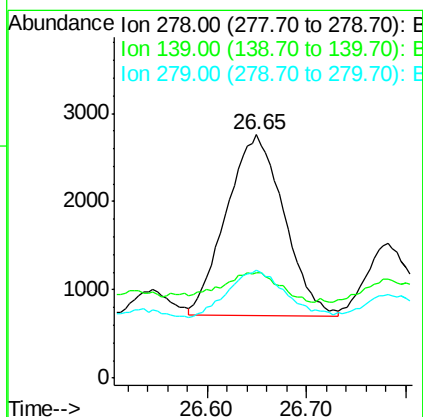
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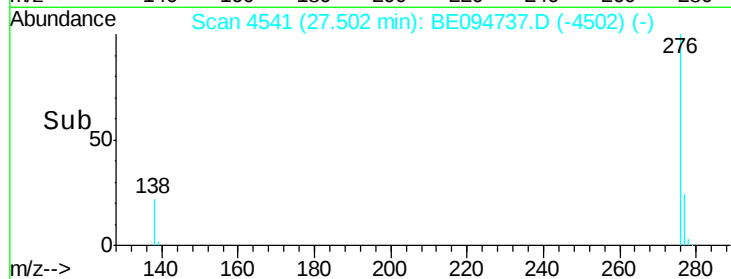
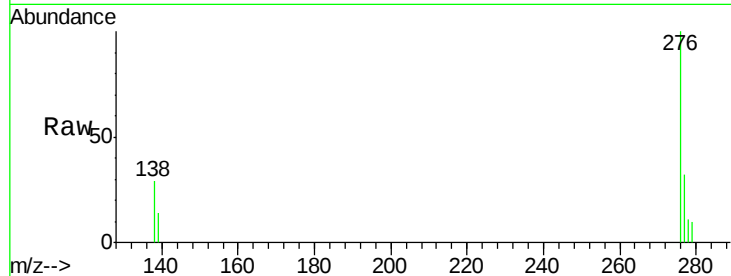
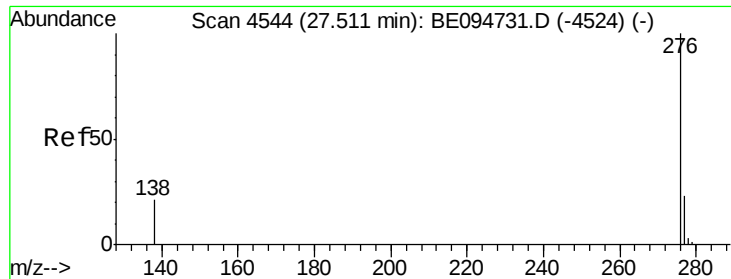
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.289 ng/u1
 RT: 26.65 min Scan# 4354
 Delta R.T. -0.02 min
 Lab File: BE094737.D
 Acq: 4 Nov 2017 8:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.2	17.4	26.0#
279	44.3	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.988 ng/u1

RT: 27.50 min Scan# 4541

Delta R.T. -0.02 min

Lab File: BE094737.D

Acq: 4 Nov 2017 8:42

Instrument :

BNA_E

ClientSampleId :

B-17(5-6.5)-101717

Tgt	Ion	Ratio	Resp:	Lower	Upper
276	100		27005		
138	28.8	21.8	32.8		
277	32.1	20.5	30.7#		

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