

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
 Data File : BE093157.D
 Acq On : 14 Jun 2017 7:23
 Operator : SJ/MA
 Sample : I3520-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B65

Manual Integrations
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mohammad
 6/14/2017 3:00:14 PM

Quant Time: Jun 14 11:46:05 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 08:39:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4607	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	22940	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	14022	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	33521	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	35423	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	28683m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6706	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	18146	0.20	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	1944	0.034	ng/ul#	90
7) Acenaphthylene	14.08	152	10811	0.180	ng/ul	97
12) Phenanthrene	17.13	178	6798	0.074	ng/ul#	88
13) Anthracene	17.22	178	10970	0.137	ng/ul#	89
15) Fluoranthene	19.15	202	69111	0.611	ng/ul	84
17) Pyrene	19.51	202	101308	0.970	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	46655	0.494	ng/ul#	84
19) Chrysene	21.29	228	68652	0.700	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	137560	1.580	ng/ul	86
22) Benzo(k)fluoranthene	22.97	252	44170m	0.478	ng/ul	
23) Benzo(a)pyrene	23.55	252	63060m	0.766	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.17	276	45072m	0.473	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	11674m	0.145	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	37098	0.454	ng/ul	96

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

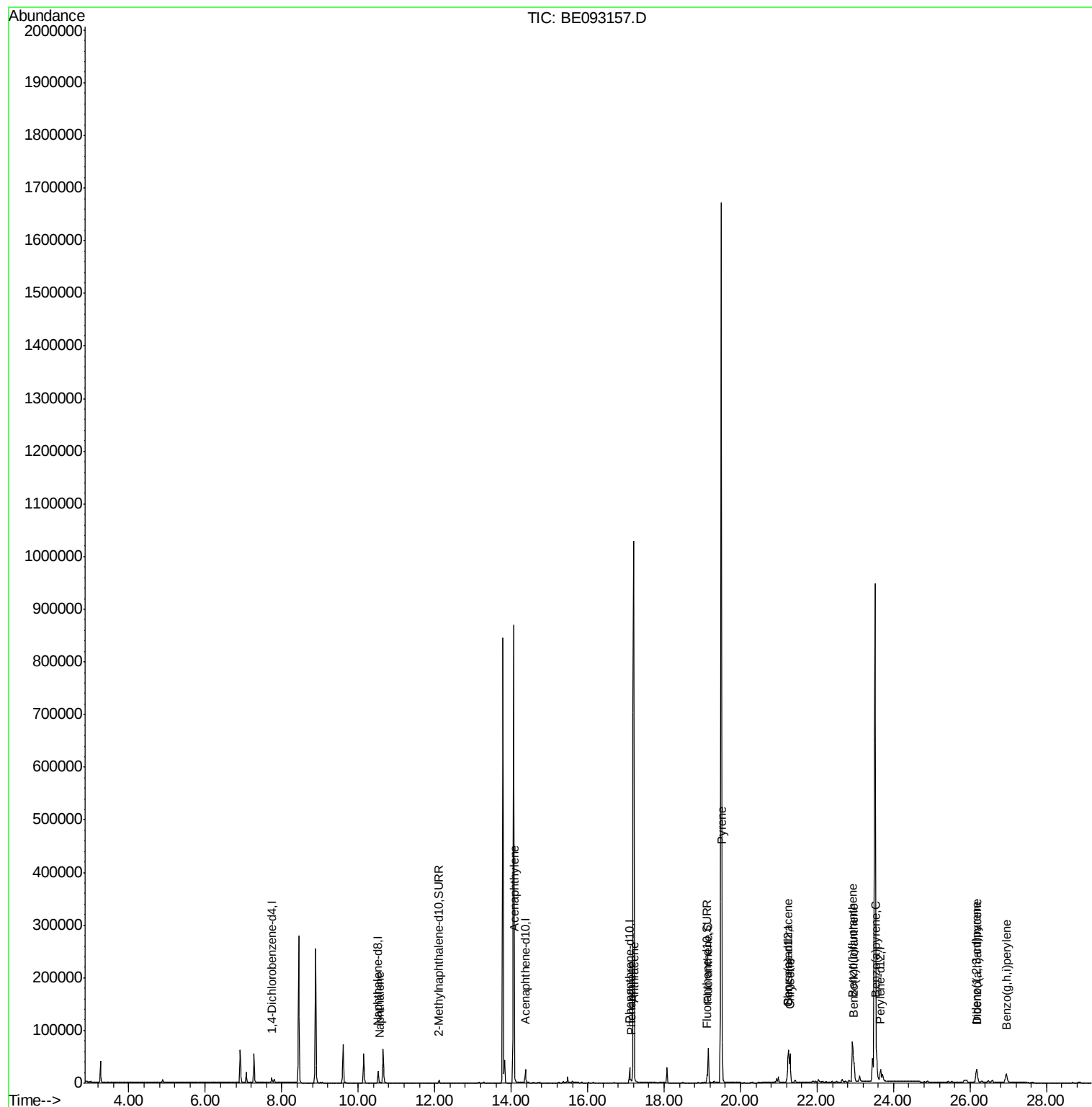
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
Data File : BE093157.D
Acq On : 14 Jun 2017 7:23
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Misc :
ALS Vial : 30 Sample Multiplier: 1

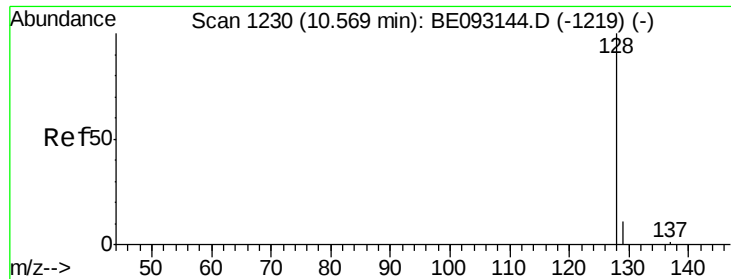
Instrument :
BNA_E
ClientSampleId :
F5B65

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6/14/2017 3:00:14 PM

Quant Time: Jun 14 11:46:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

Instrument :

BNA_E

ClientSampleId :

F5B65

Tgt Ion:128 Resp: 1944

Ion Ratio Lower Upper

128 100

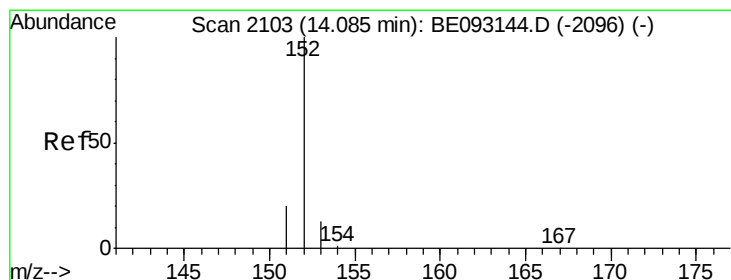
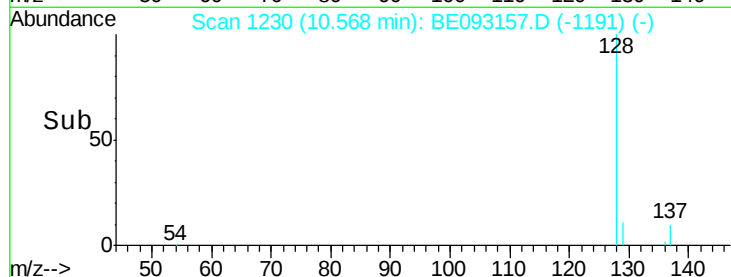
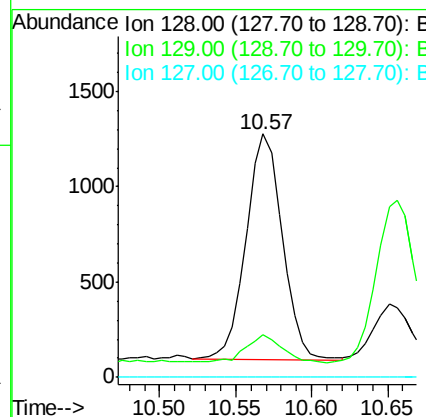
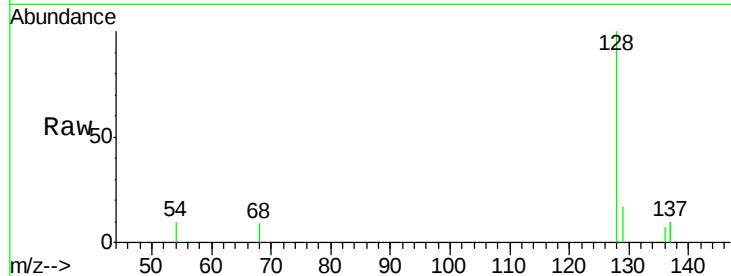
129 17.4 11.3 16.9#

127 0.0 4.0 6.0#

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#7

Acenaphthylene

Concen: 0.180 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

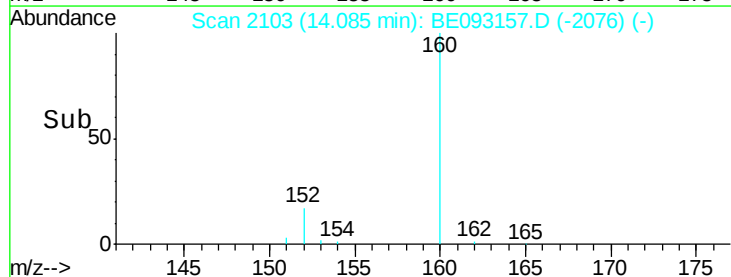
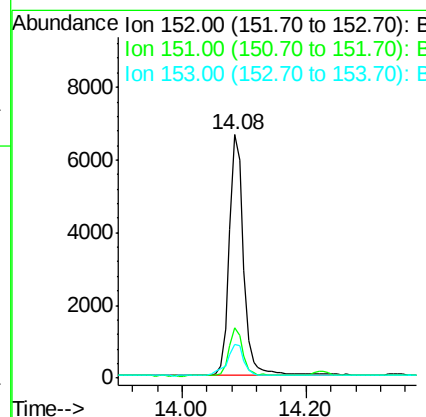
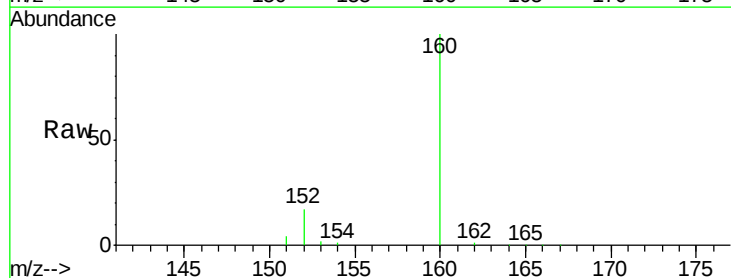
Tgt Ion:152 Resp: 10811

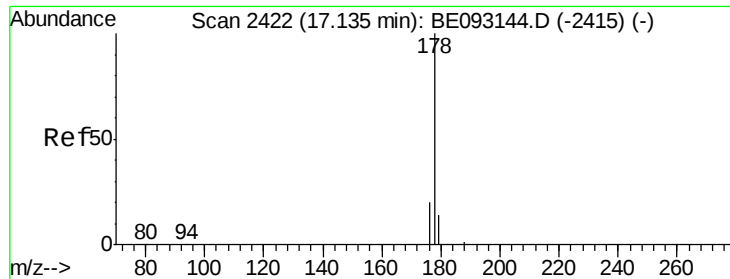
Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

153 13.8 12.8 19.2





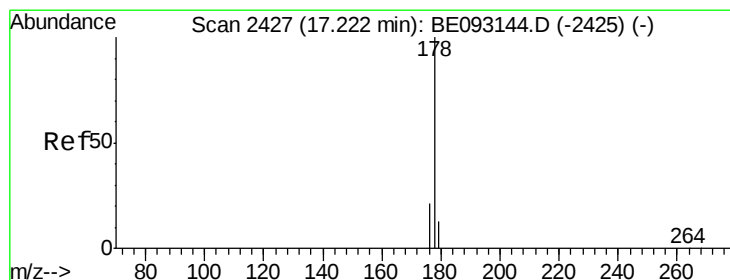
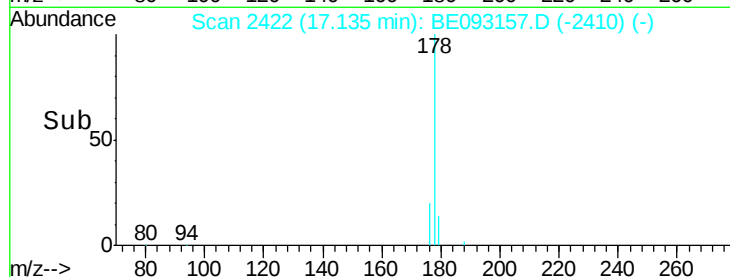
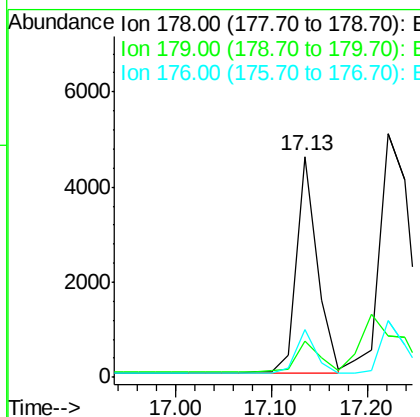
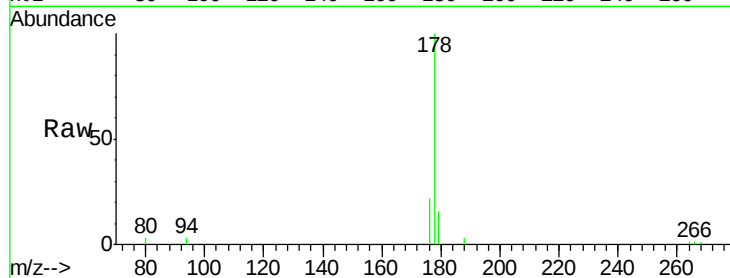
#12
Phenanthrene
Concen: 0.074 ng/ul
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

Instrument :
BNA_E
ClientSampleId :
F5B65

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.4	27.6#
176	21.5	13.6	20.4#

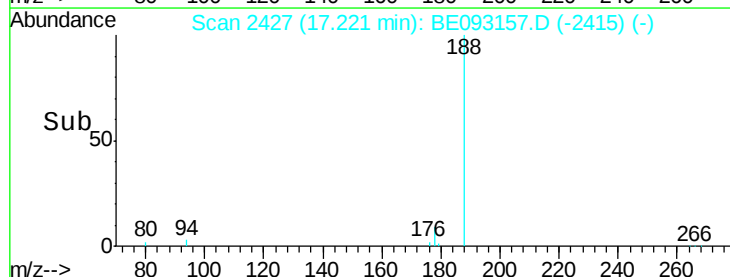
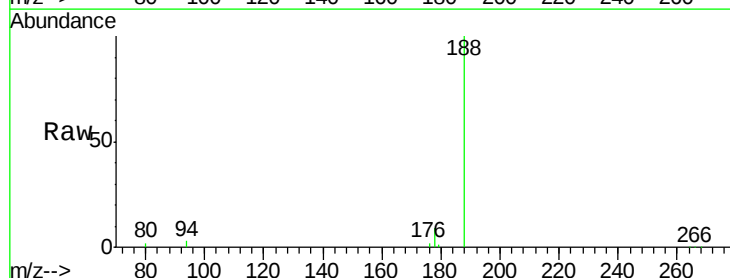
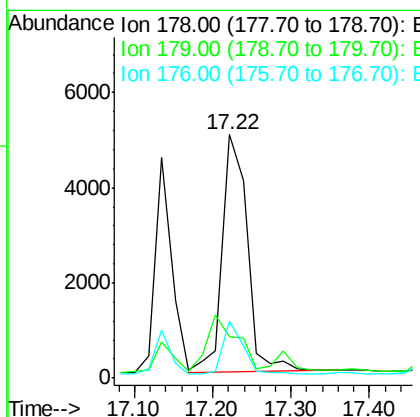
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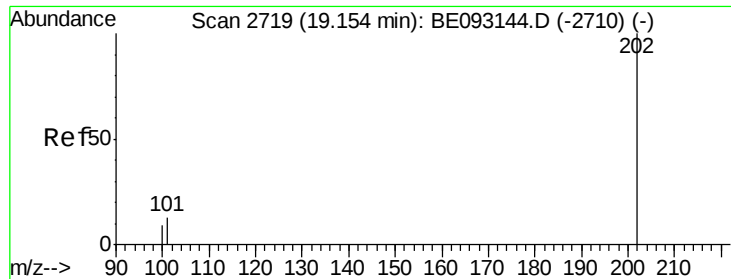
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#13
Anthracene
Concen: 0.137 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.1	27.1#
176	23.1	14.7	22.1#





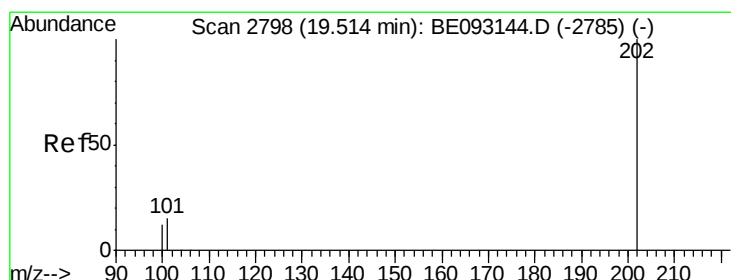
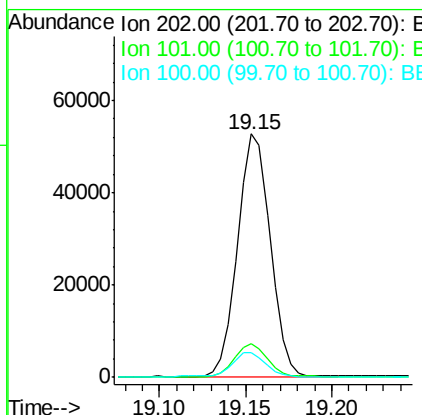
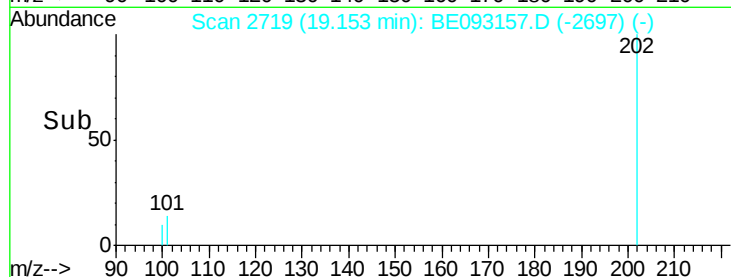
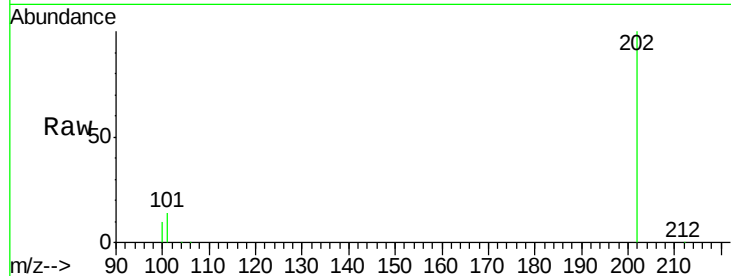
#15
Fluoranthene
Concen: 0.611 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

Instrument :
BNA_E
ClientSampleId :
F5B65

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	0.0	30.3
100	10.4	0.0	39.5

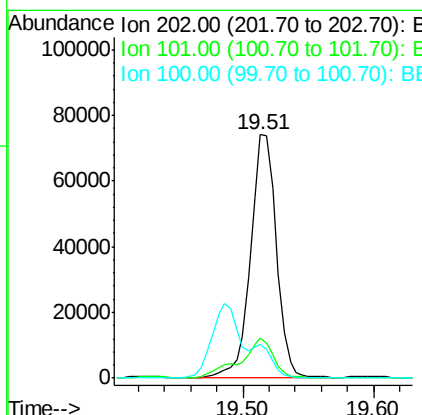
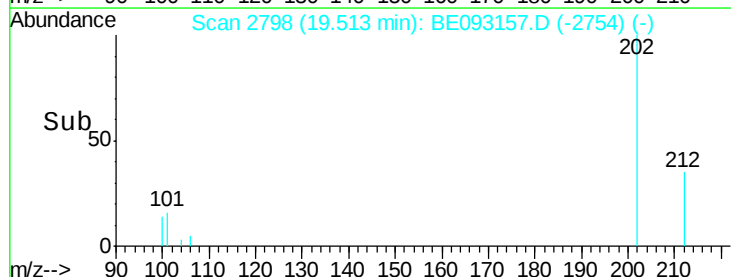
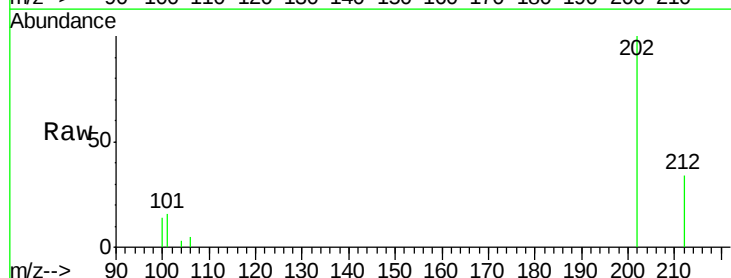
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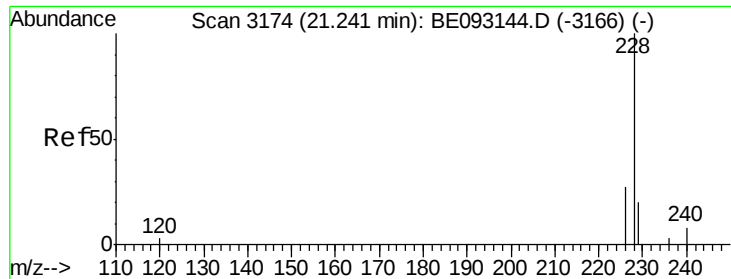
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#17
Pyrene
Concen: 0.970 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.2	18.2	27.4#
100	13.8	15.6	23.4#





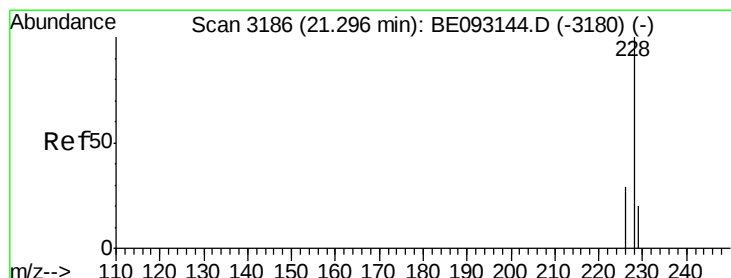
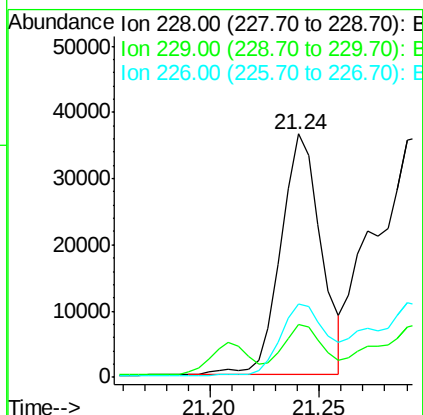
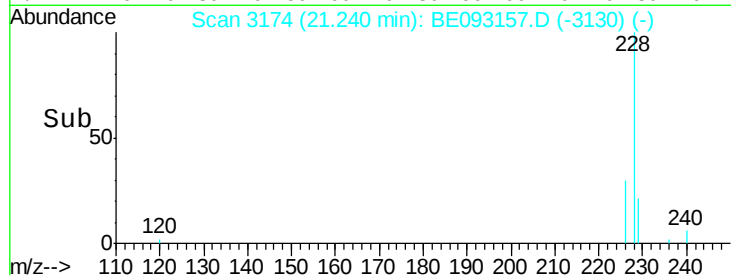
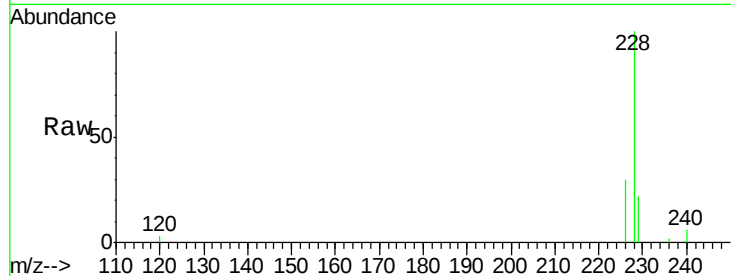
#18
Benzo(a)anthracene
Concen: 0.494 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

Instrument :
BNA_E
ClientSampleId :
F5B65

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	30.2	17.0	25.6#

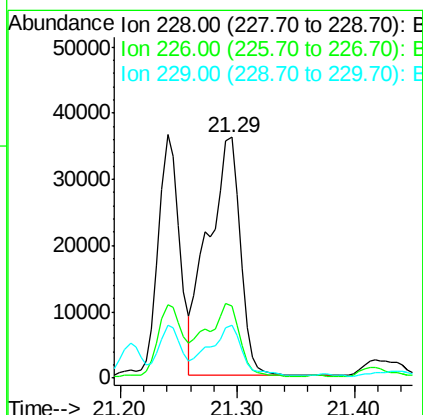
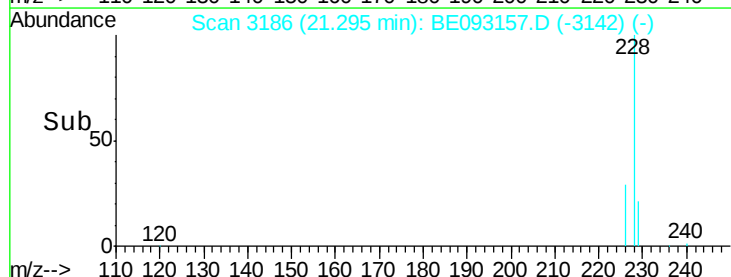
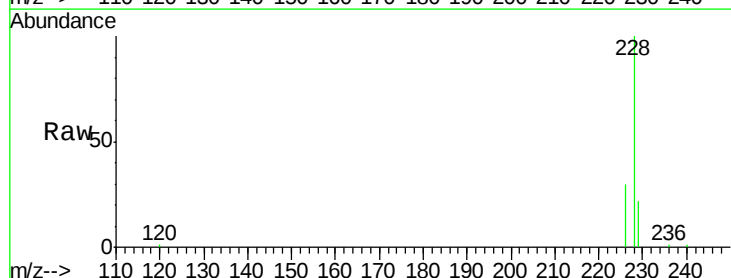
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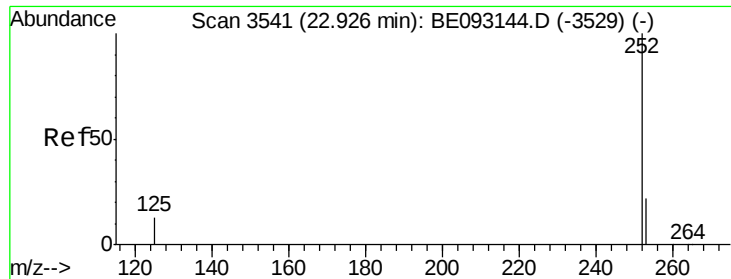
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#19
Chrysene
Concen: 0.700 ng/ul
RT: 21.29 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

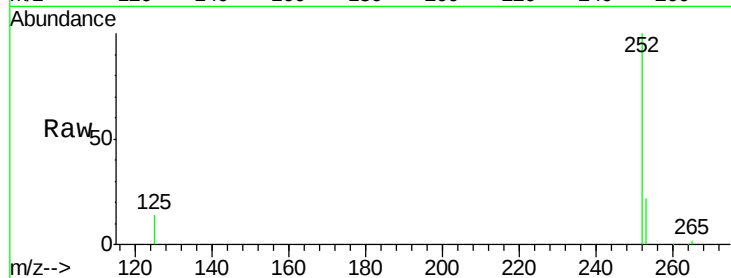
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	21.9	17.7	26.5





#21
Benzo(b)fluoranthene
Concen: 1.580 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

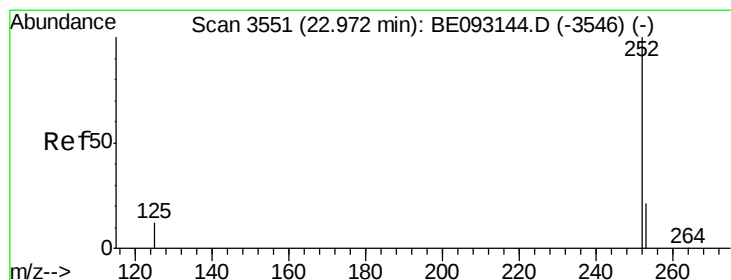
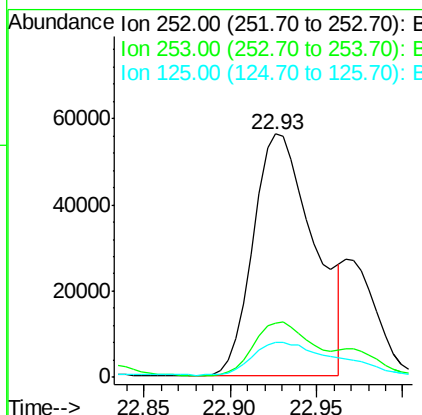
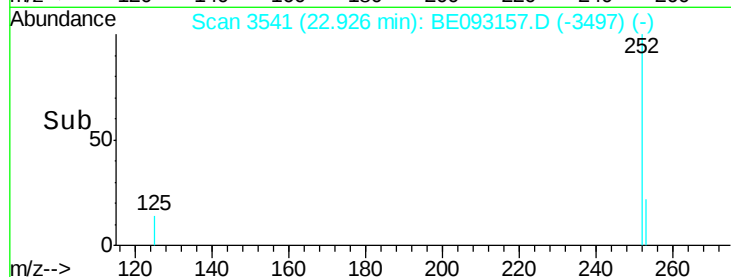
Instrument :
BNA_E
ClientSampleId :
F5B65



Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	0.0	64.2
125	14.4	0.0	35.0

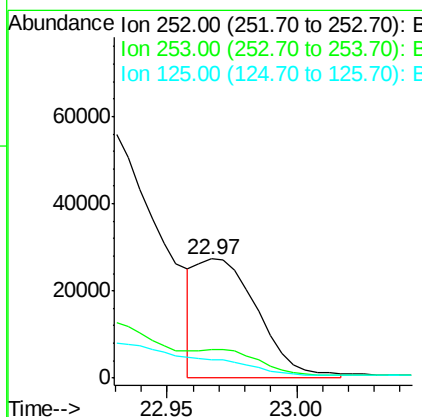
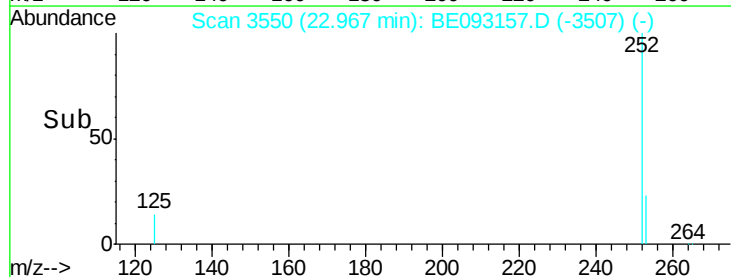
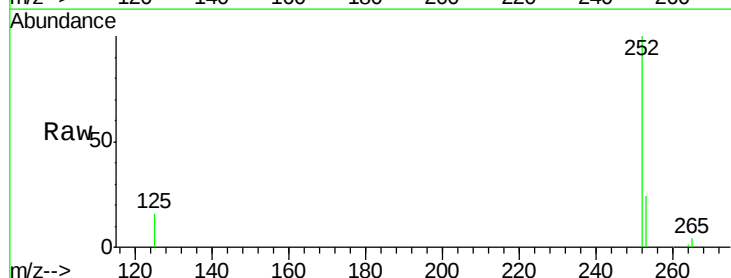
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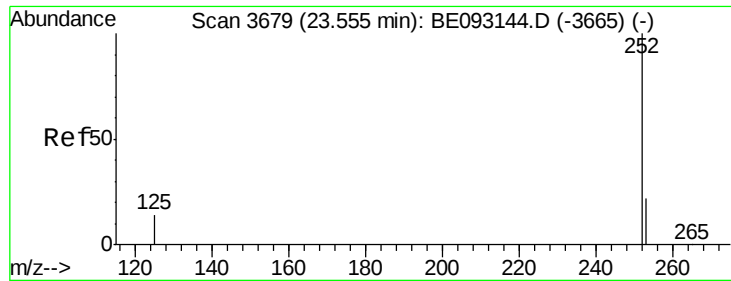
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#22
Benzo(k)fluoranthene
Concen: 0.478 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.1	24.5	36.7#
125	15.8	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.766 ng/ul m

RT: 23.55 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BE093157.D

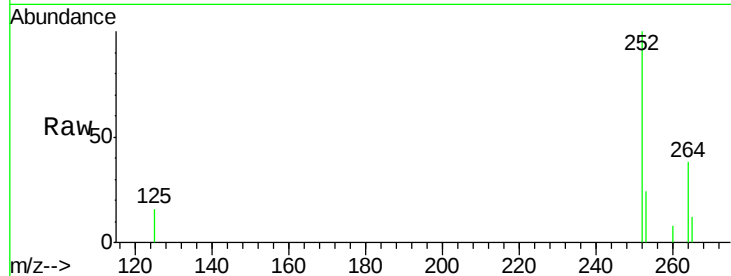
Acq: 14 Jun 2017 7:23

Instrument :

BNA_E

ClientSampleId :

F5B65



Tgt Ion: 252 Resp: 63060

Ion Ratio Lower Upper

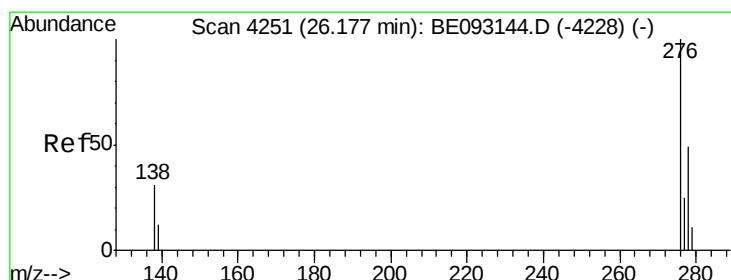
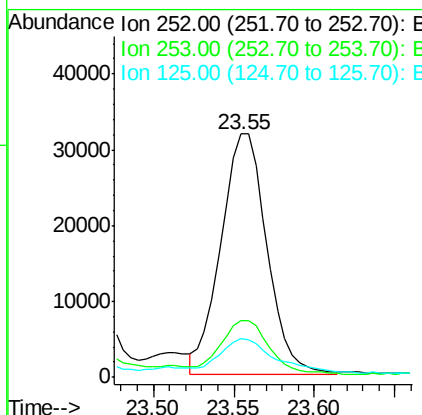
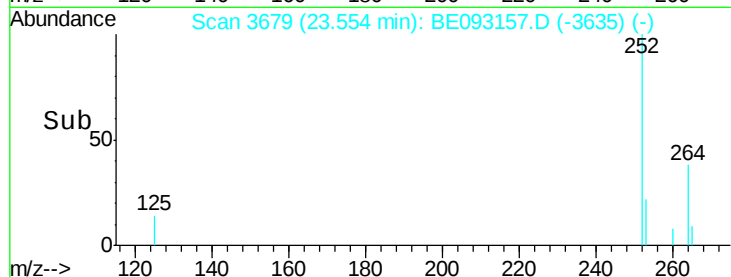
252 100

253 23.5 28.5 42.7#

125 16.0 18.1 27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.473 ng/ul m

RT: 26.17 min Scan# 4250

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

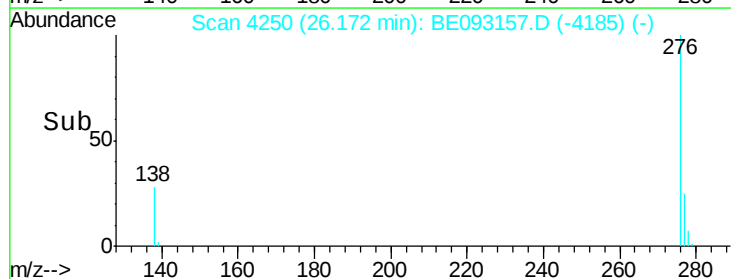
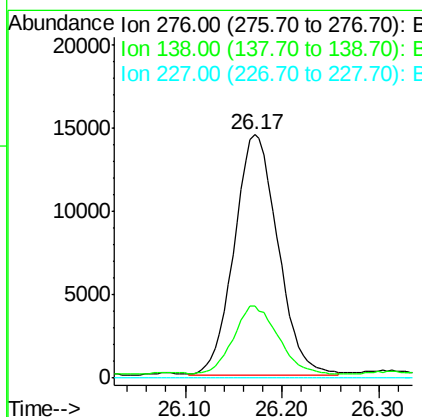
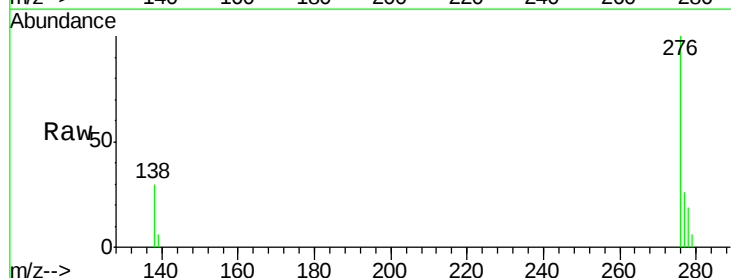
Tgt Ion: 276 Resp: 45072

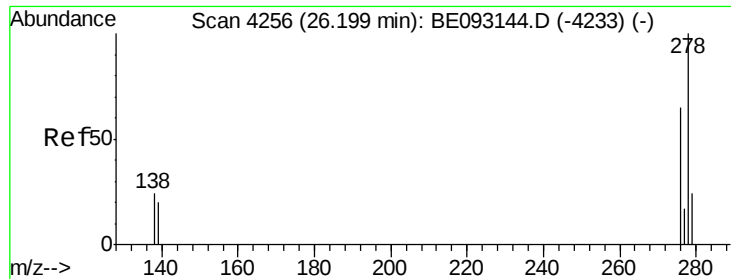
Ion Ratio Lower Upper

276 100

138 3.2 28.0 42.0#

227 0.0 8.0 12.0#





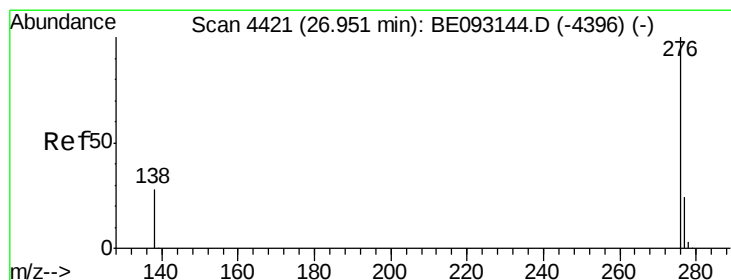
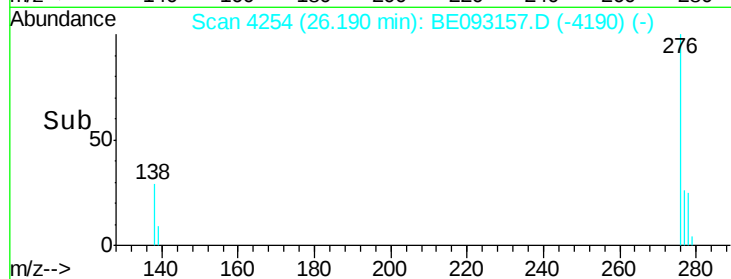
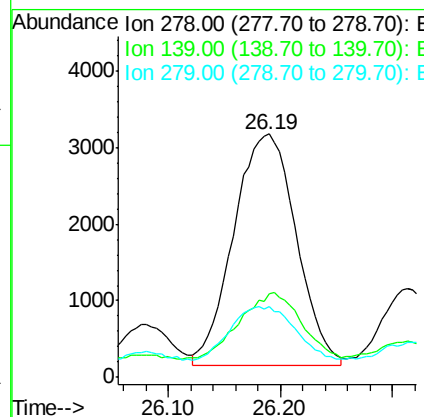
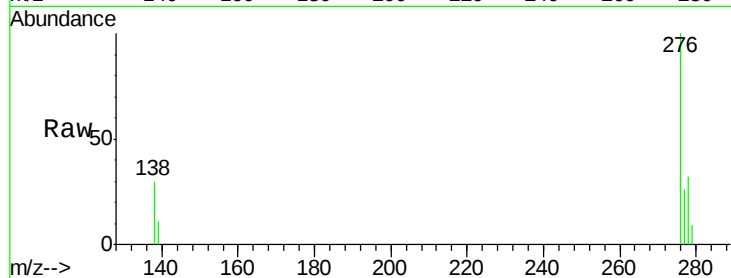
#25
Dibenzo(a,h)anthracene
Concen: 0.145 ng/ul m
RT: 26.19 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

Instrument :
BNA_E
ClientSampleId :
F5B65

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.4	17.4	26.0#
279	28.9	25.9	38.9

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.454 ng/ul
RT: 26.95 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093157.D
Acq: 14 Jun 2017 7:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	24.3	20.5	30.7

