

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093209.D
 Acq On : 15 Jun 2017 15:36
 Operator : SJ/MA
 Sample : I3521-14DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C06DL

Manual Integrations
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Quant Time: Jun 16 04:49:39 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 04:43:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2844	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	15038	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	9127	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	21082	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21550	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	21427	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3666	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	9750	0.17	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.57	128	1916	0.051	ng/ul#	91
7) Acenaphthylene	14.09	152	7729	0.197	ng/ul	97
12) Phenanthrene	17.13	178	5858	0.101	ng/ul#	83
13) Anthracene	17.22	178	9050	0.179	ng/ul#	88
15) Fluoranthene	19.16	202	48719	0.685	ng/ul	83
17) Pyrene	19.52	202	55899	0.880	ng/ul#	83
18) Benzo(a)anthracene	21.25	228	32148	0.559	ng/ul#	85
19) Chrysene	21.30	228	32483	0.545	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	56733m	0.872	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	16207m	0.235	ng/ul	
23) Benzo(a)pyrene	23.56	252	28118	0.457	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.18	276	18507	0.260	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.20	278	4845	0.081	ng/ul#	72
26) Benzo(g,h,i)perylene	26.96	276	14040	0.230	ng/ul	96

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

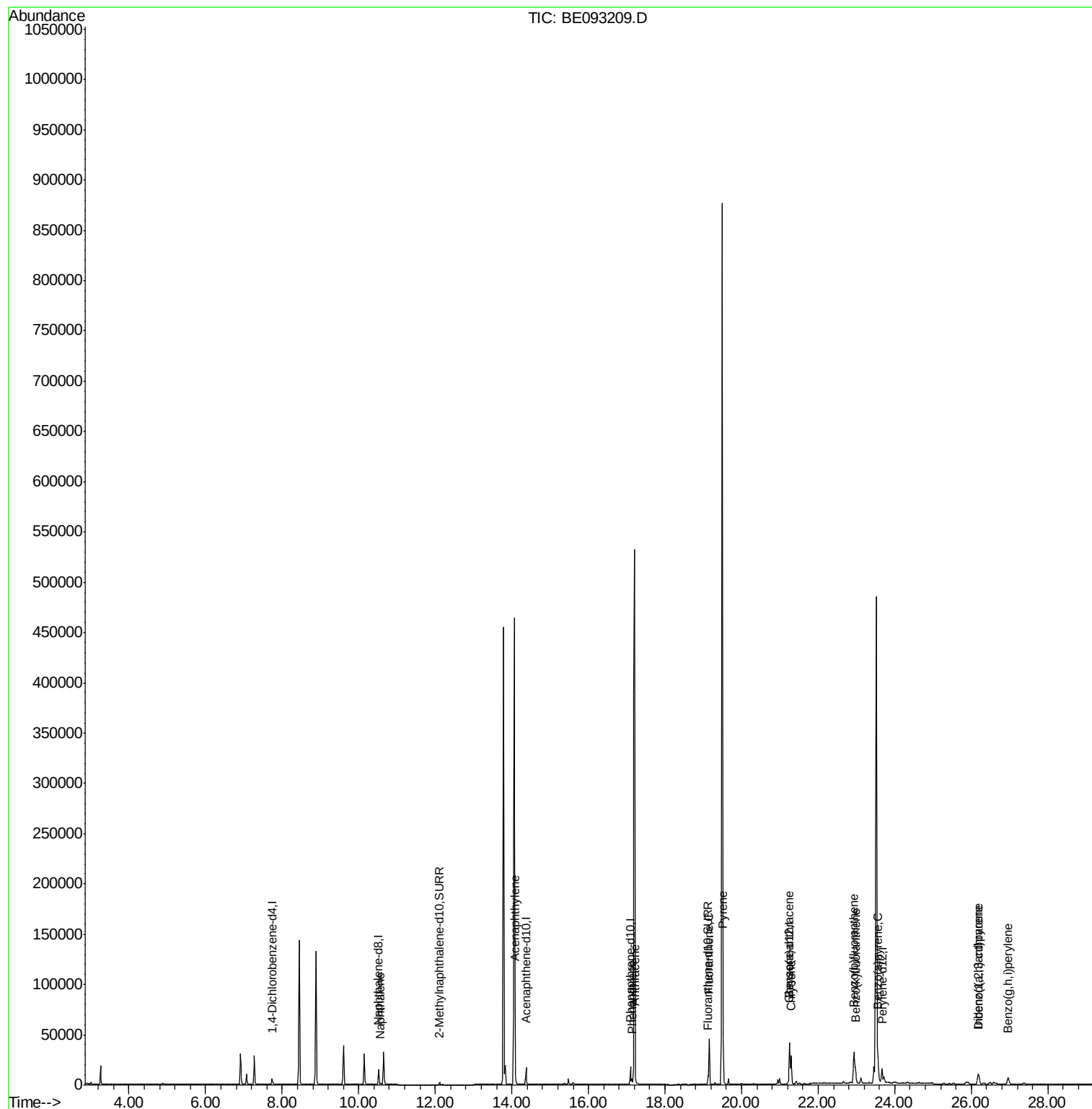
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093209.D
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Sample : I3521-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

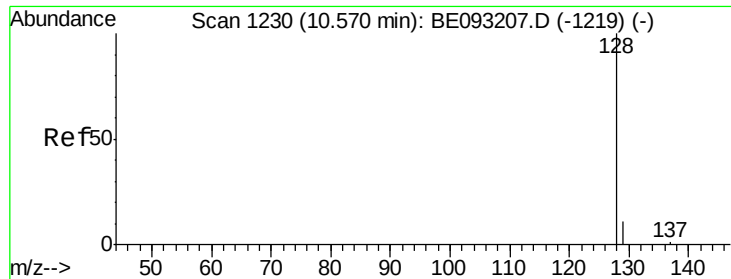
Instrument :
BNA_E
ClientSampleId :
F5C06DL

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Quant Time: Jun 16 04:49:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093209.D

Acq: 15 Jun 2017 15:36

Instrument :

BNA_E

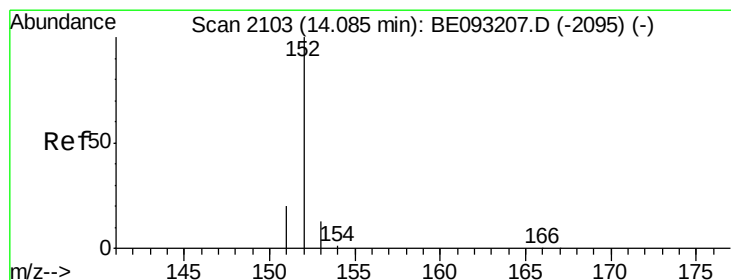
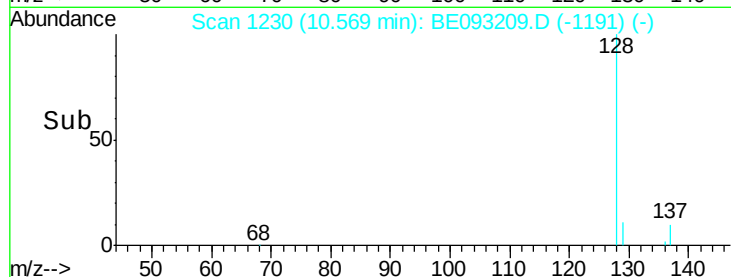
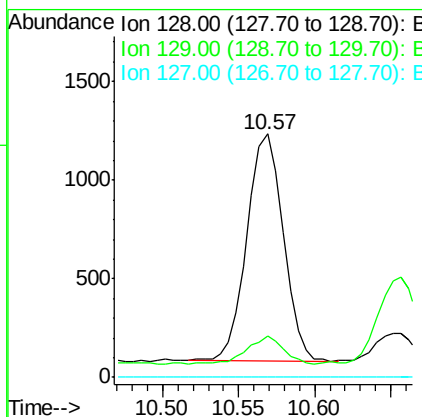
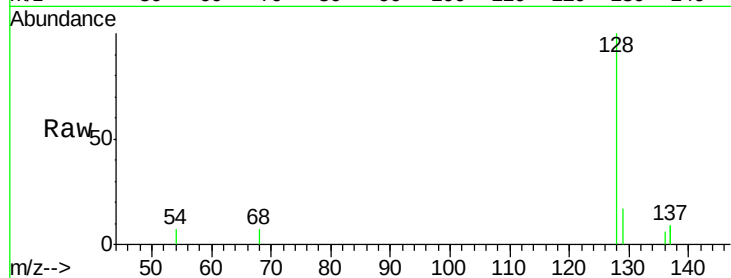
ClientSampleId :

F5C06DL

Tgt Ion:	128	Resp:	1916
Ion Ratio	Lower	Upper	
128	100		
129	16.9	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.197 ng/ul

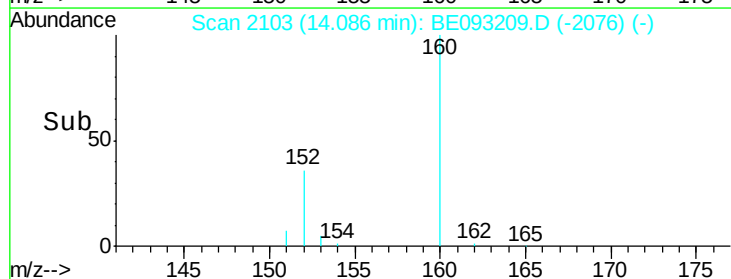
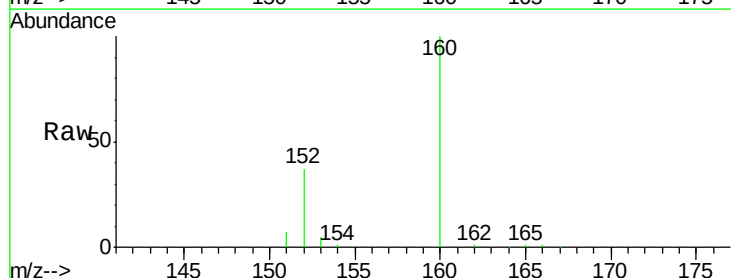
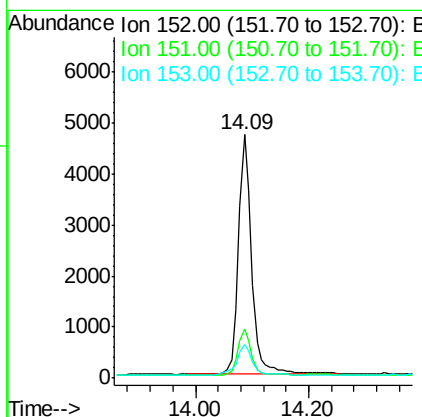
RT: 14.09 min Scan# 2103

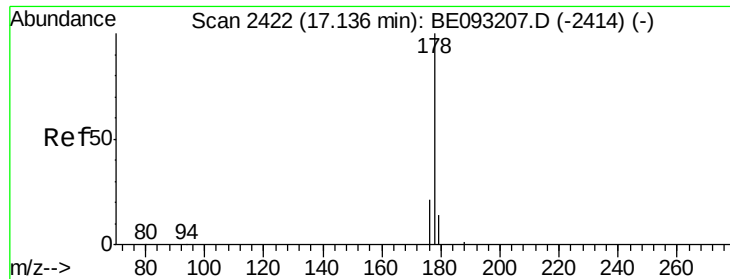
Delta R.T. 0.00 min

Lab File: BE093209.D

Acq: 15 Jun 2017 15:36

Tgt Ion:	152	Resp:	7729
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.1	25.7
153	13.9	12.8	19.2





#12

Phenanthrene

Concen: 0.101 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093209.D

Acq: 15 Jun 2017 15:36

Instrument :

BNA_E

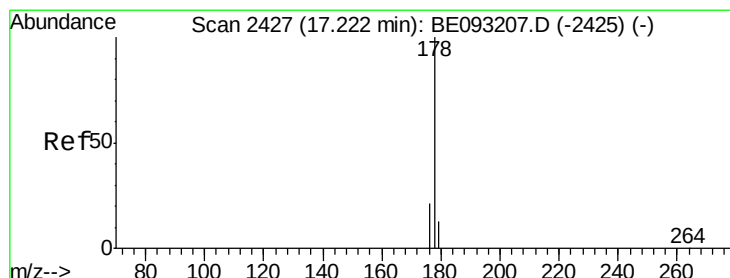
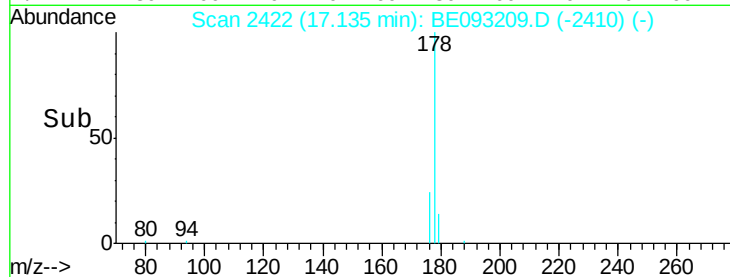
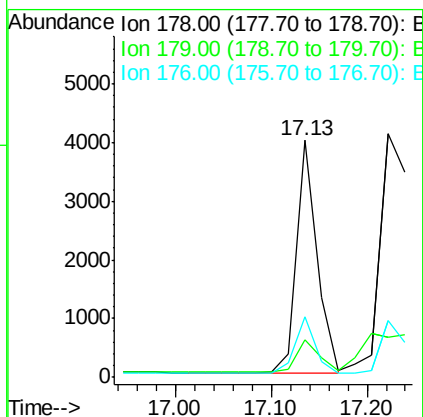
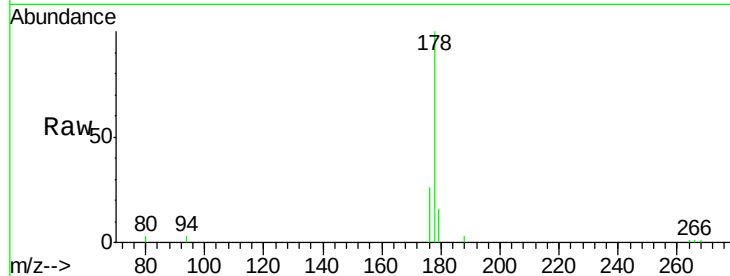
ClientSampleID :

F5C06DL

Tgt Ion:	178	Resp:	5858
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	25.6	13.6	20.4#

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#13

Anthracene

Concen: 0.179 ng/ul

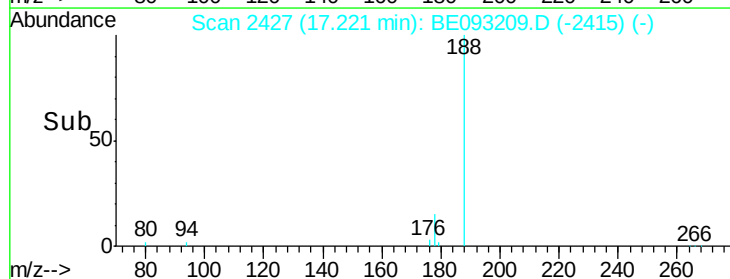
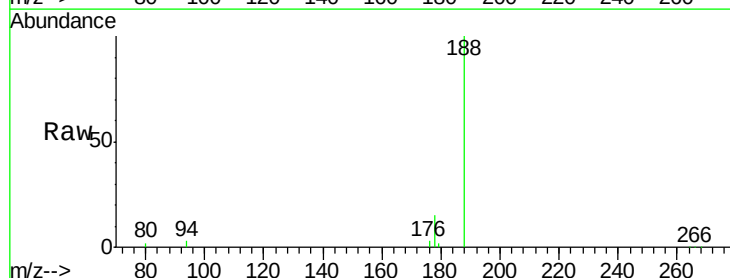
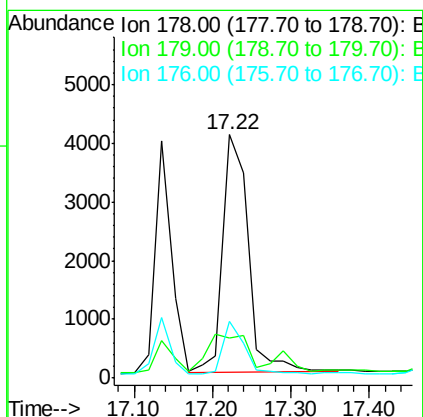
RT: 17.22 min Scan# 2427

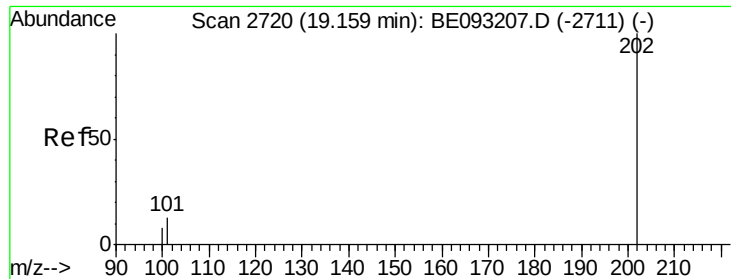
Delta R.T. -0.00 min

Lab File: BE093209.D

Acq: 15 Jun 2017 15:36

Tgt Ion:	178	Resp:	9050
Ion Ratio	Lower	Upper	
178	100		
179	16.6	18.1	27.1#
176	23.1	14.7	22.1#





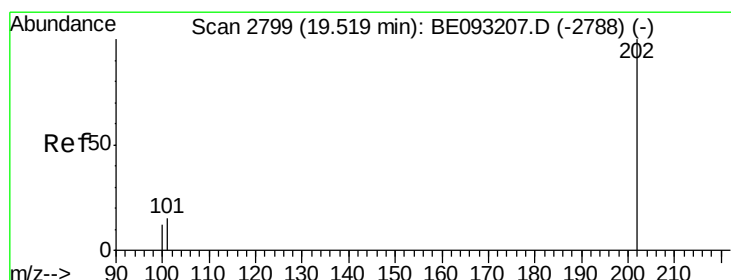
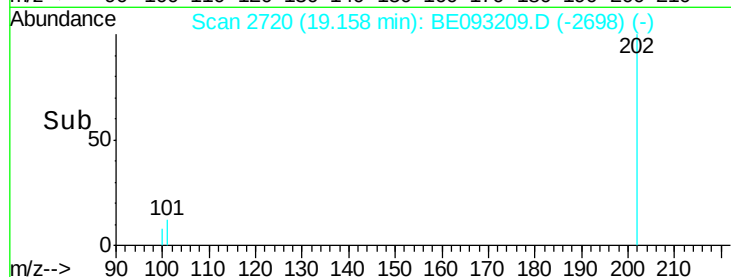
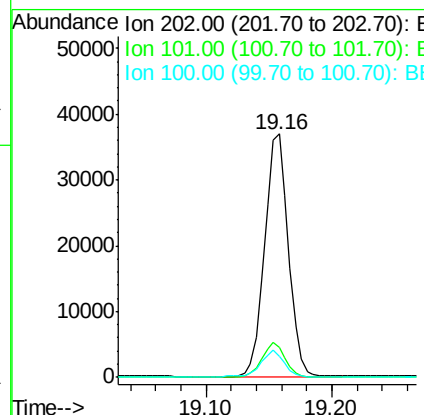
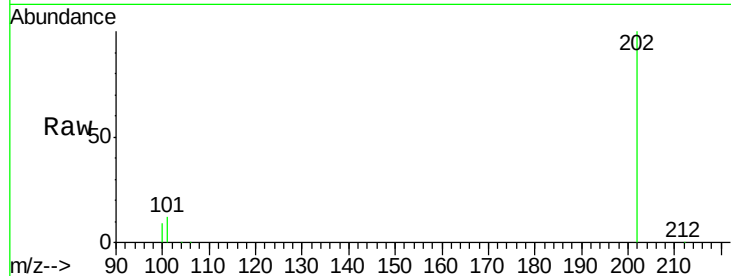
#15
Fluoranthene
 Concen: 0.685 ng/ul
 RT: 19.16 min Scan# 2720
 Delta R.T. -0.00 min
 Lab File: BE093209.D
 Acq: 15 Jun 2017 15:36

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	0.0	30.3
100	8.6	0.0	39.5

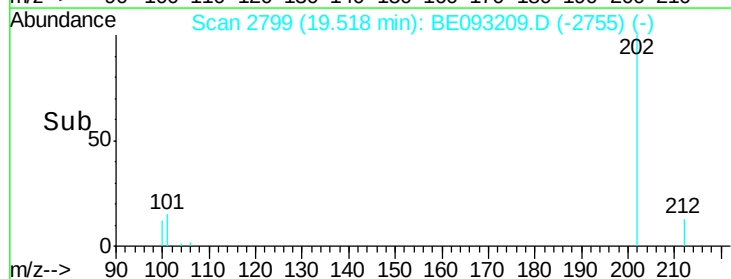
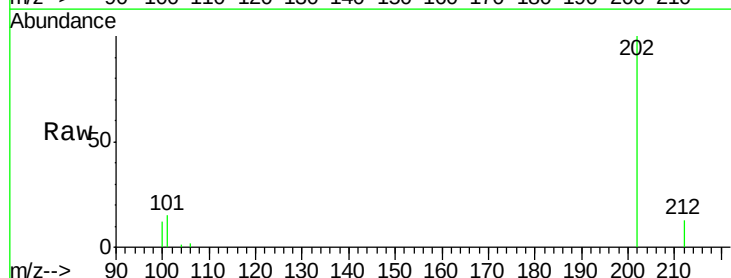
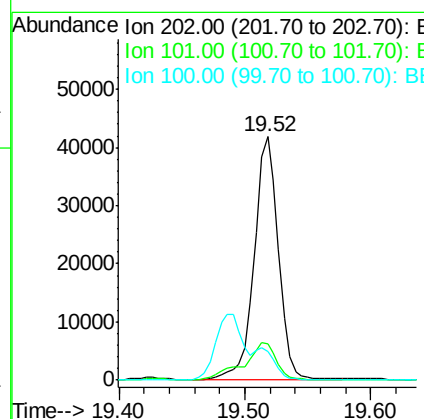
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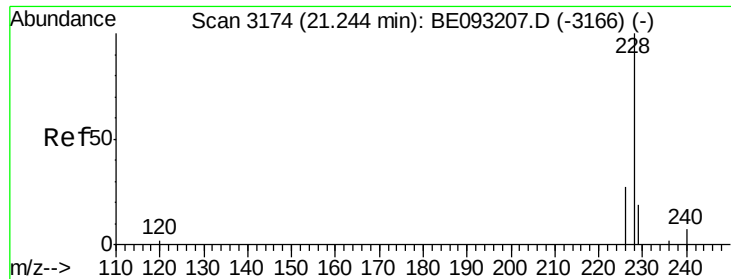
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#17
Pyrene
 Concen: 0.880 ng/ul
 RT: 19.52 min Scan# 2799
 Delta R.T. -0.00 min
 Lab File: BE093209.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	18.2	27.4#
100	11.8	15.6	23.4#





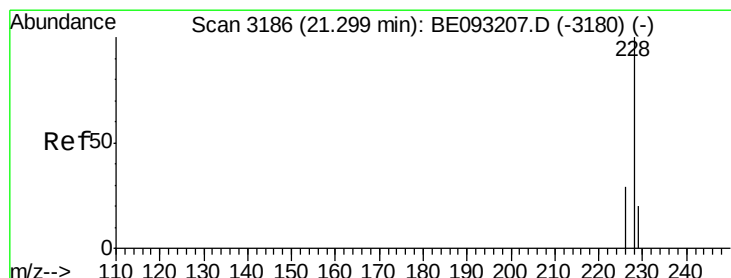
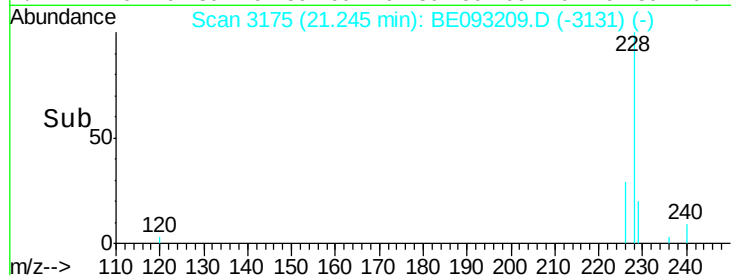
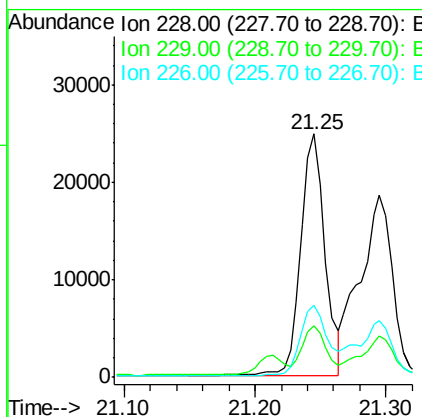
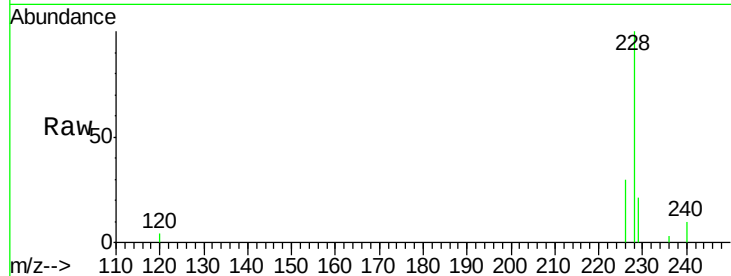
#18
Benzo(a)anthracene
Concen: 0.559 ng/ul
RT: 21.25 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BE093209.D
Acq: 15 Jun 2017 15:36

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	32148		
229	21.1	22.8	34.2#	
226	29.6	17.0	25.6#	

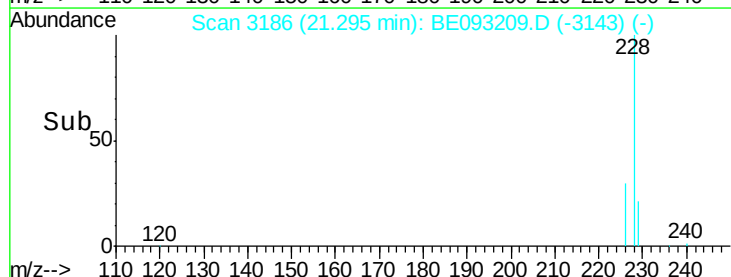
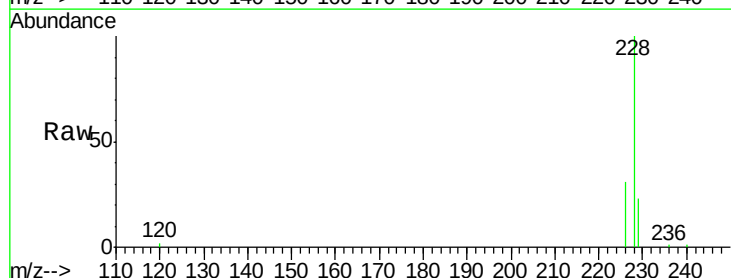
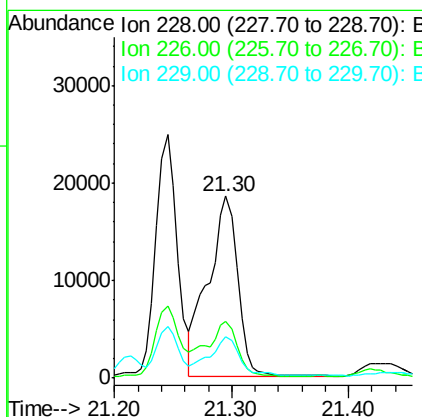
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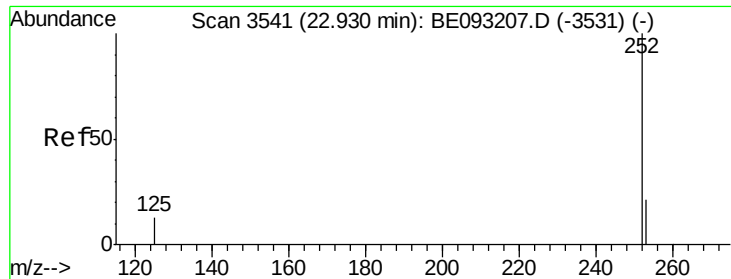
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#19
Chrysene
Concen: 0.545 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BE093209.D
Acq: 15 Jun 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	32483		
226	30.9	23.4	35.0	
229	22.6	17.7	26.5	





#21

Benzo(b)fluoranthene

Concen: 0.872 ng/ul m

RT: 22.94 min Scan# 3543

Delta R.T. 0.01 min

Lab File: BE093209.D

Acq: 15 Jun 2017 15:36

Instrument :

BNA_E

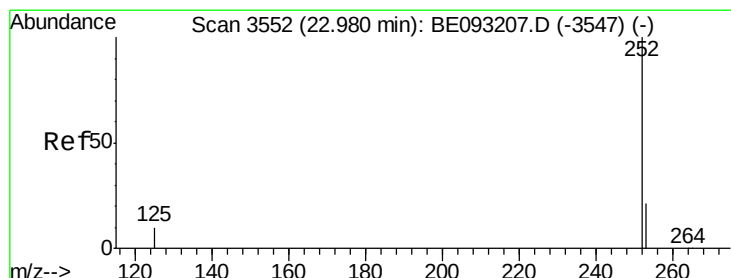
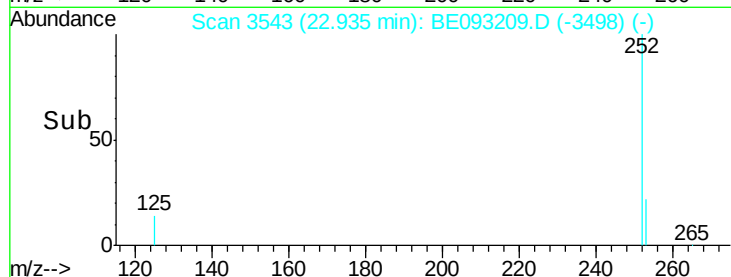
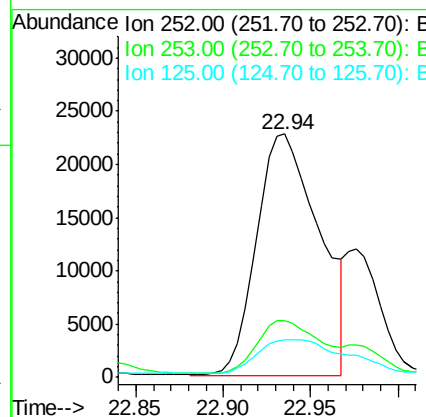
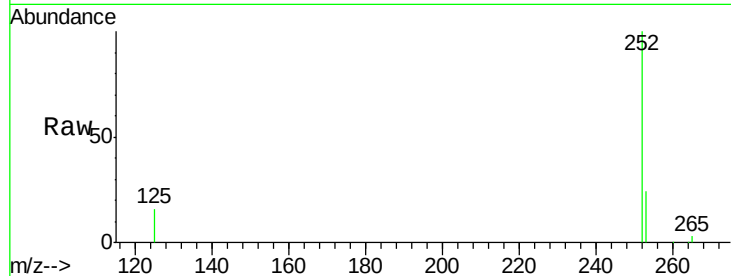
ClientSampleId :

F5C06DL

Tgt Ion:	252	Resp:	56733
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	64.2
125	15.6	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.235 ng/ul m

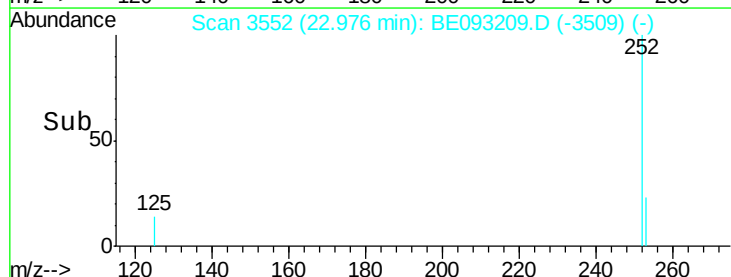
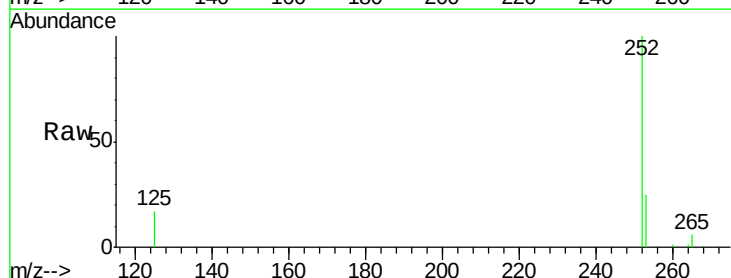
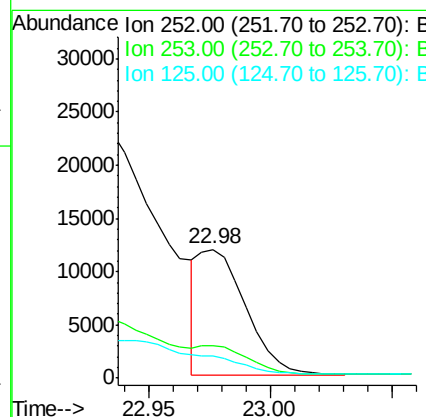
RT: 22.98 min Scan# 3552

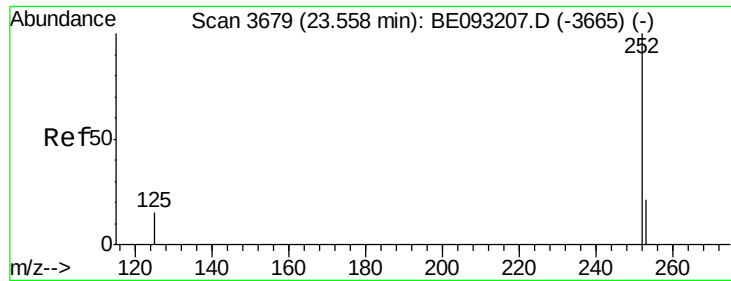
Delta R.T. -0.00 min

Lab File: BE093209.D

Acq: 15 Jun 2017 15:36

Tgt Ion:	252	Resp:	16207
Ion Ratio	Lower	Upper	
252	100		
253	25.5	24.5	36.7
125	17.3	13.7	20.5





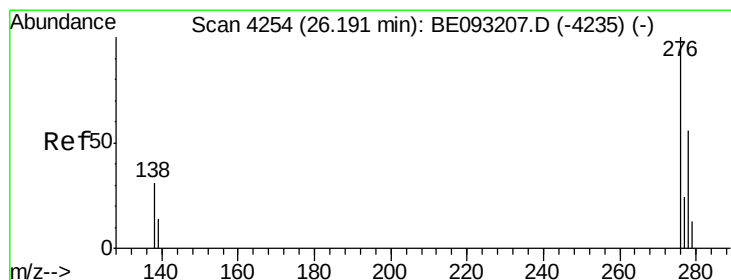
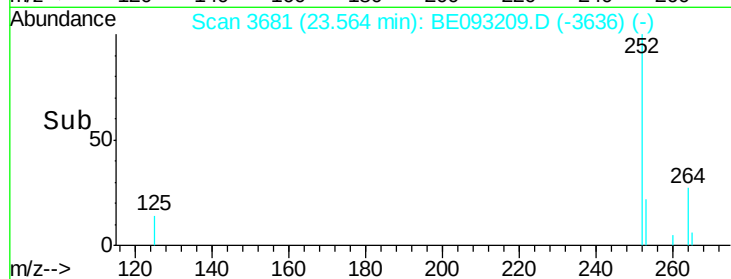
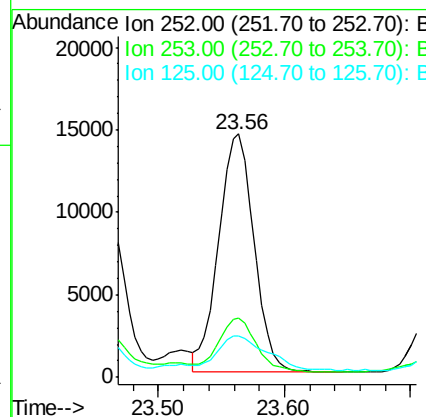
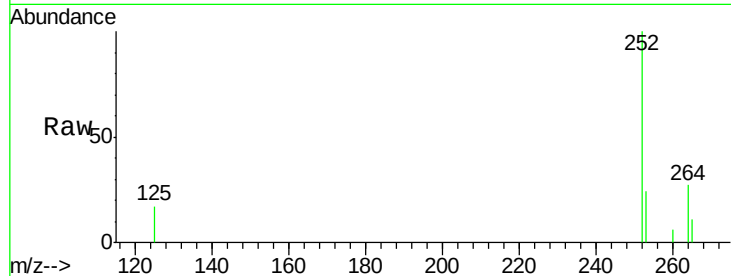
#23
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.56 min Scan# 3681
Delta R.T. 0.01 min
Lab File: BE093209.D
Acq: 15 Jun 2017 15:36

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ClientSampleId :
F5C06DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.5	28.5	42.7#
125	16.9	18.1	27.1#

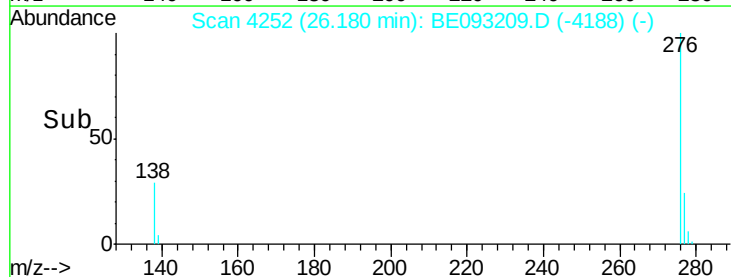
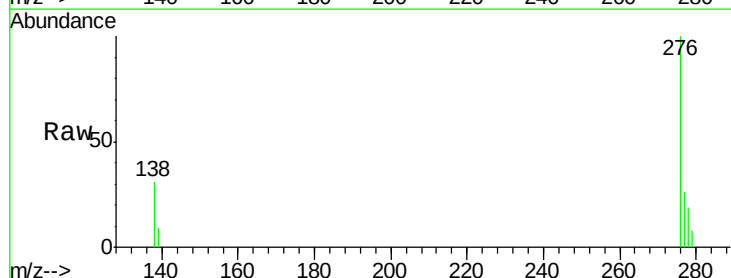
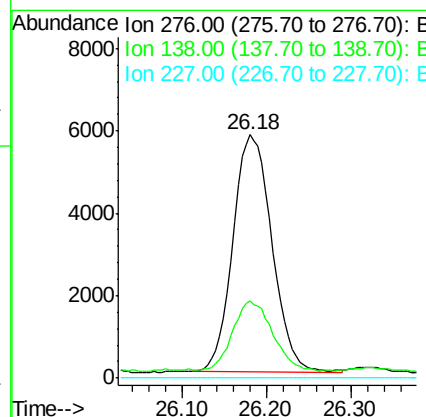
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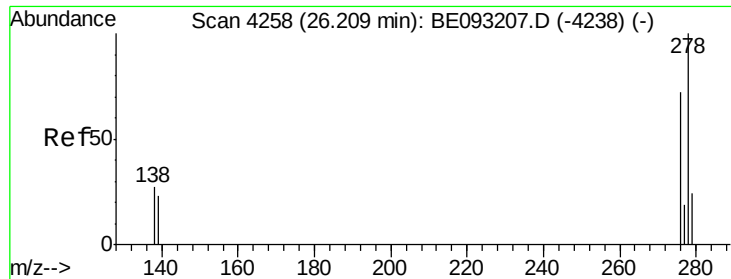
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.260 ng/ul
RT: 26.18 min Scan# 4252
Delta R.T. -0.01 min
Lab File: BE093209.D
Acq: 15 Jun 2017 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.6	28.0	42.0
227	0.0	8.0	12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.081 ng/ul

RT: 26.20 min Scan# 4256

Delta R.T. -0.01 min

Lab File: BE093209.D

Acq: 15 Jun 2017 15:36

Instrument :

BNA_E

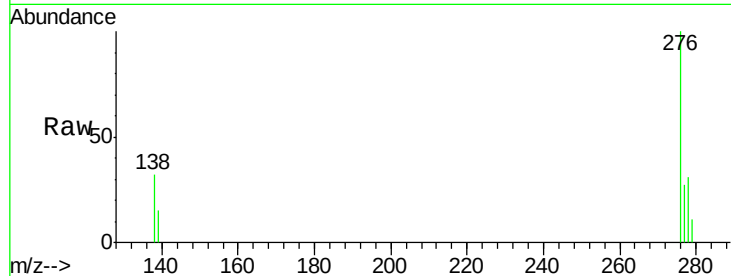
ClientSampleId :

F5C06DL

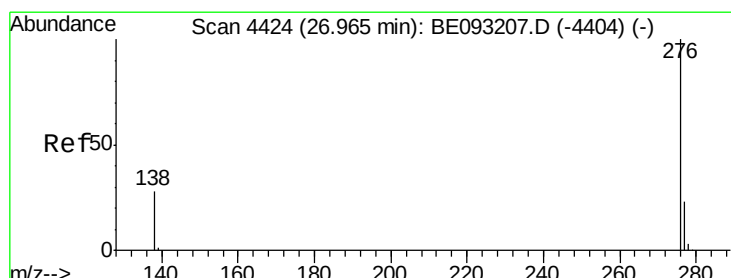
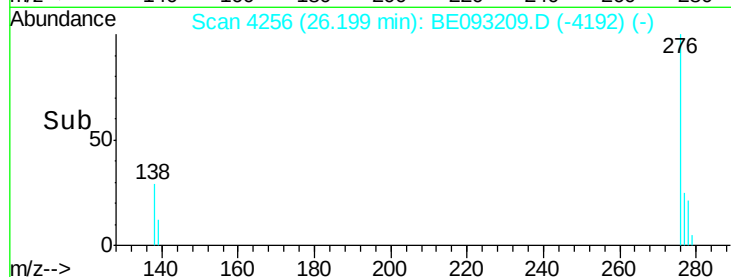
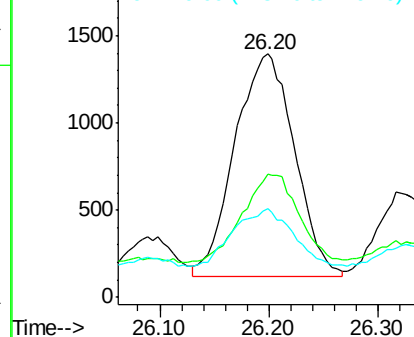
Tgt Ion:	278	Resp:	4845
Ion Ratio	Lower	Upper	
278	100		
139	50.6	17.4	26.0#
279	36.2	25.9	38.9

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.230 ng/ul

RT: 26.96 min Scan# 4423

Delta R.T. -0.01 min

Lab File: BE093209.D

Acq: 15 Jun 2017 15:36

Tgt Ion:	276	Resp:	14040
Ion Ratio	Lower	Upper	
276	100		
138	31.6	21.8	32.8
277	25.7	20.5	30.7

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

