

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061917\
 Data File : BE093252.D
 Acq On : 19 Jun 2017 16:04
 Operator : SJ/MA
 Sample : I3599-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C96

Manual Integrations
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Quant Time: Jun 21 04:24:43 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 21 03:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2711	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13342	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7996	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	19239m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	19284	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	15478m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5502	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	15336	0.29	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	78253	2.364	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	3762	0.166	ng/ul	98
7) Acenaphthylene	14.09	152	569	0.017	ng/ul#	55
8) Acenaphthene	14.43	153	15984	0.577	ng/ul	98
9) Fluorene	15.42	166	16169	0.498	ng/ul	93
12) Phenanthrene	17.13	178	38379	0.725	ng/ul#	87
13) Anthracene	17.22	178	4237	0.092	ng/ul#	93
15) Fluoranthene	19.16	202	16387	0.252	ng/ul	85
17) Pyrene	19.52	202	13868	0.244	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	2433	0.047	ng/ul#	88
19) Chrysene	21.29	228	2178	0.041	ng/ul	91

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

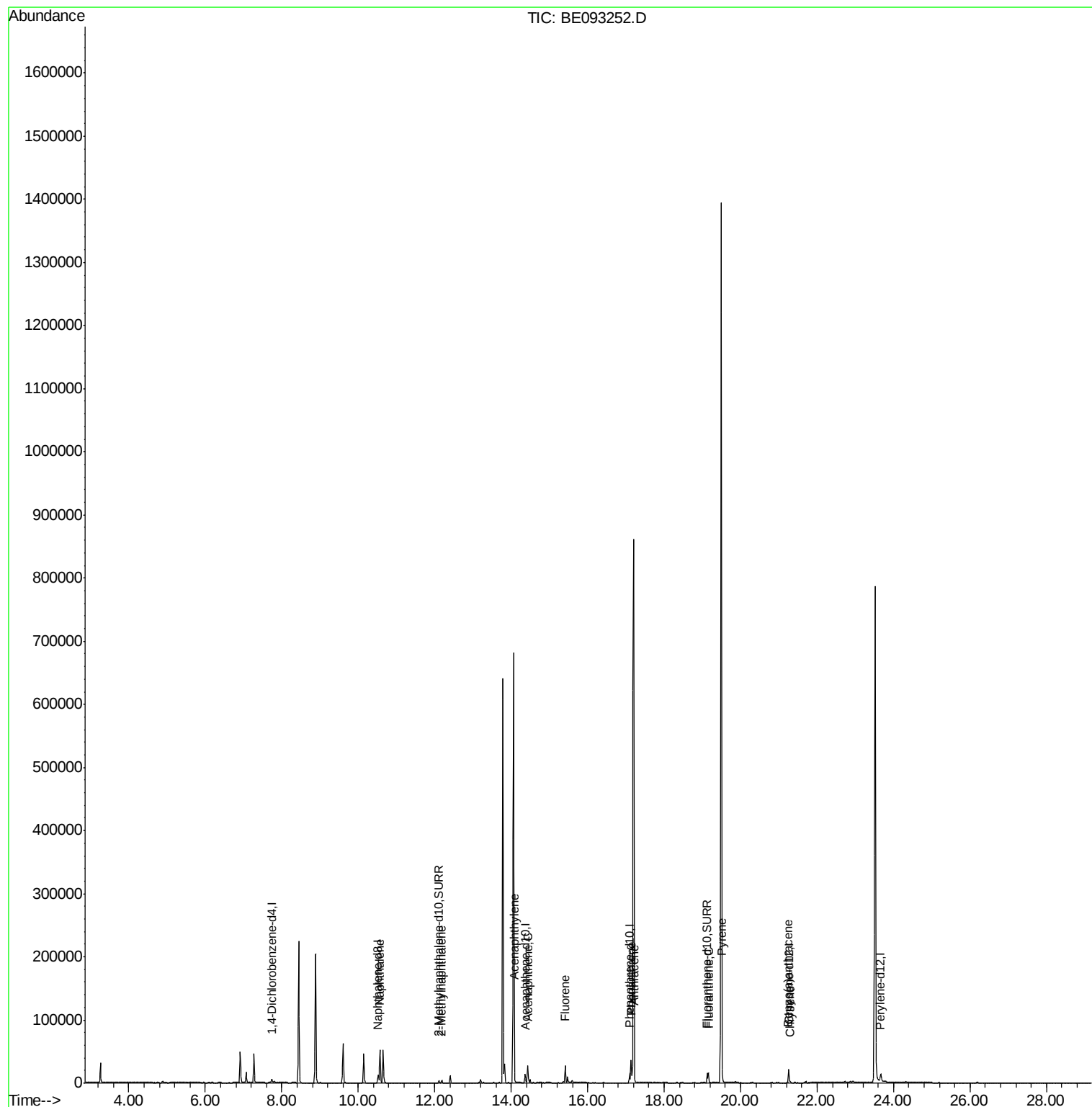
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061917\
Data File : BE093252.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

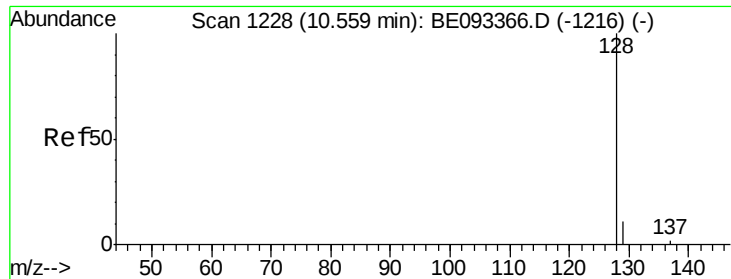
Instrument :
BNA_E
ClientSampleId :
F5C96

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Quant Time: Jun 21 04:24:43 2017
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QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.36 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Instrument :

BNA_E

ClientSampleId :

F5C96

Tot Ion:128 Resp: 78253

Ion Ratio Lower Upper

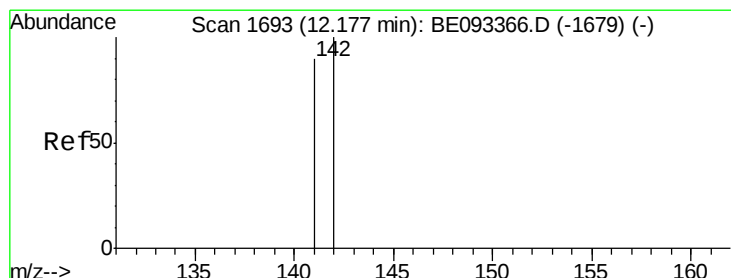
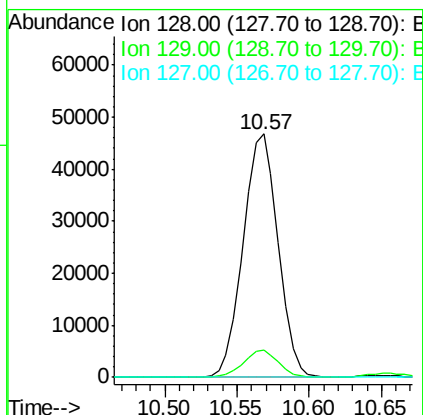
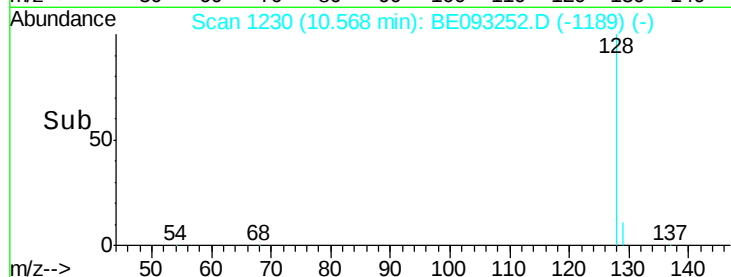
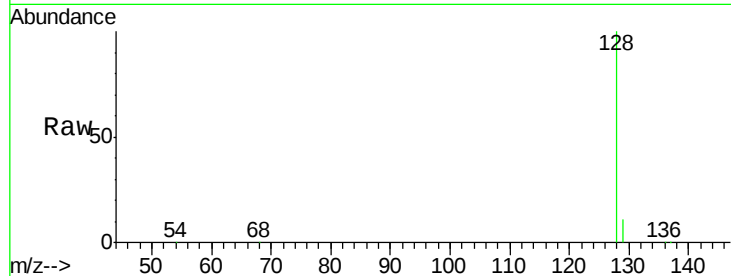
128 100

129 11.3 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.17 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BE093252.D

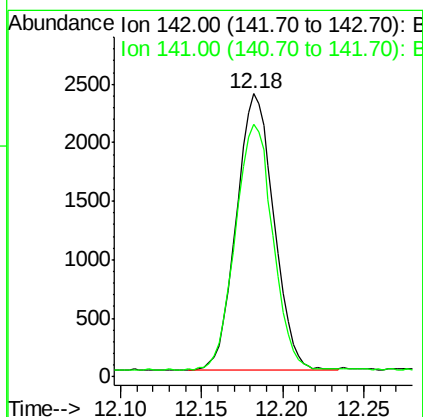
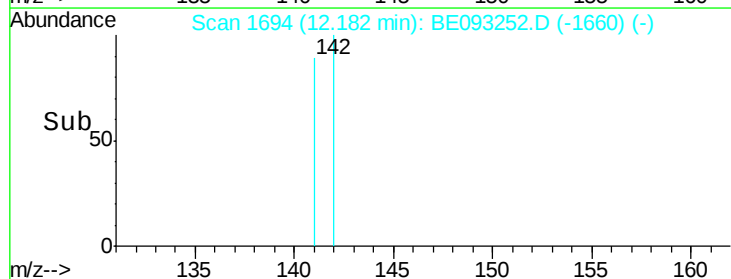
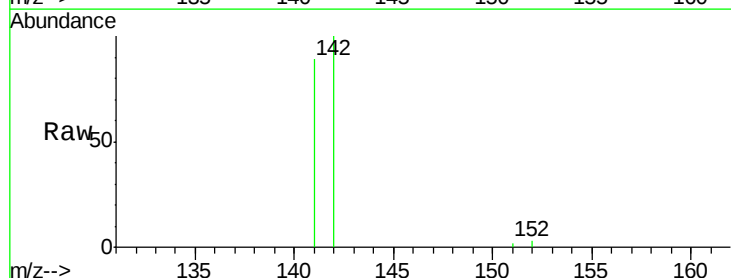
Acq: 19 Jun 2017 16:04

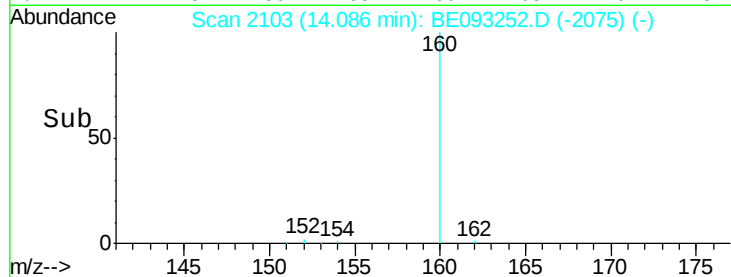
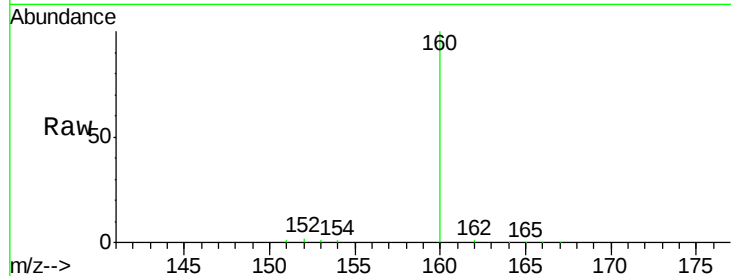
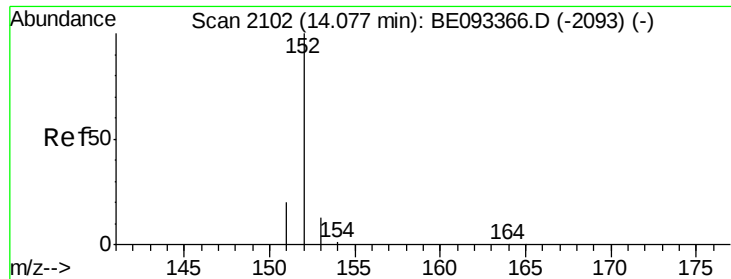
Tgt Ion:142 Resp: 3762

Ion Ratio Lower Upper

142 100

141 89.0 72.6 108.8





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Tot Ion:	152	Resp:	569
Ion Ratio	Lower	Upper	
152	100		
151	37.9	17.1	25.7#
153	40.8	12.8	19.2#

Instrument :

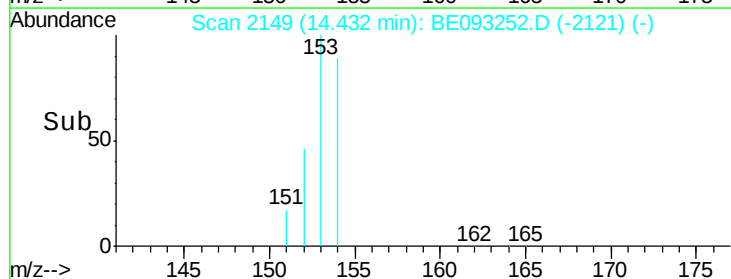
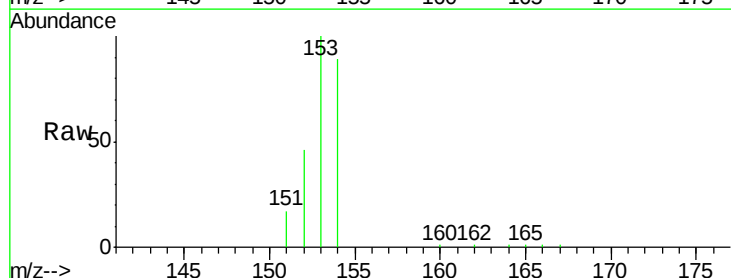
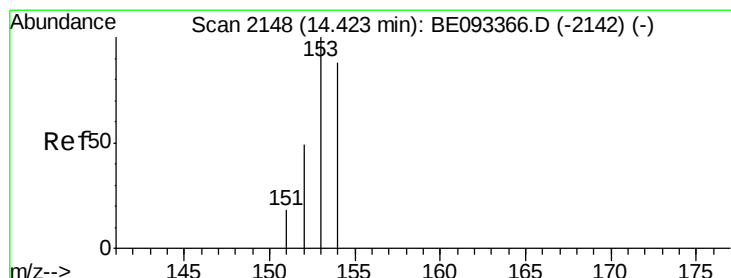
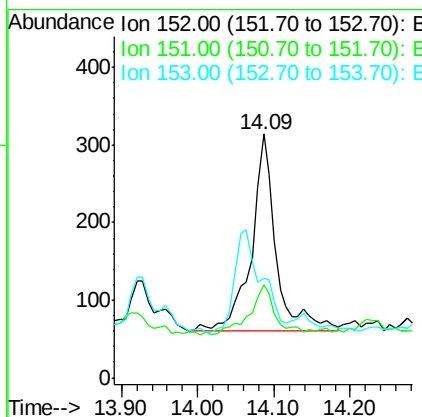
BNA_E

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#8

Acenaphthene

Concen: 0.58 ng/ul

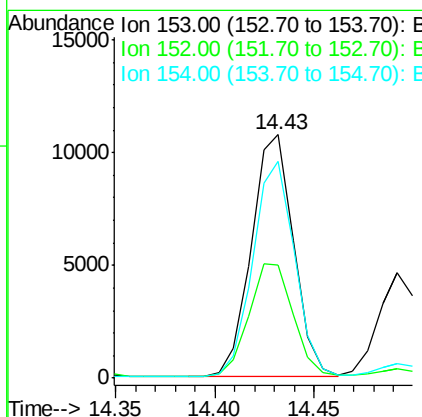
RT: 14.43 min Scan# 2149

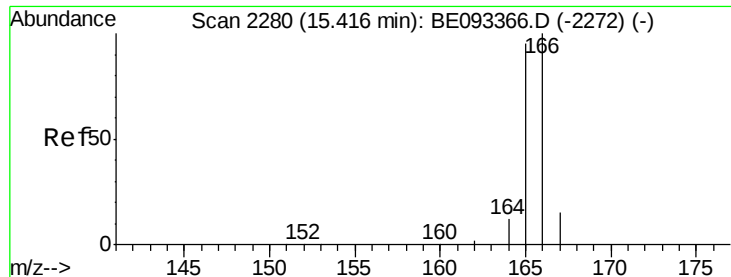
Delta R.T. 0.01 min

Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Tgt Ion:	153	Resp:	15984
Ion Ratio	Lower	Upper	
153	100		
152	46.5	40.3	60.5
154	88.9	71.4	107.2





#9

Fluorene

Concen: 0.50 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Instrument :

BNA_E

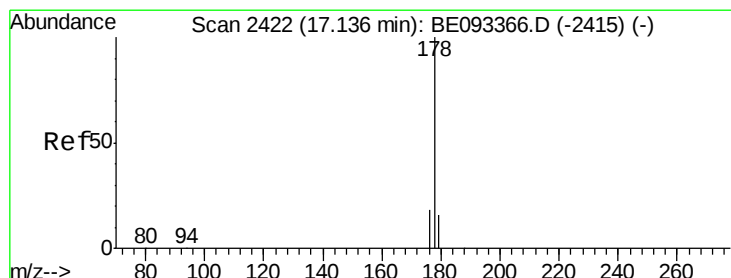
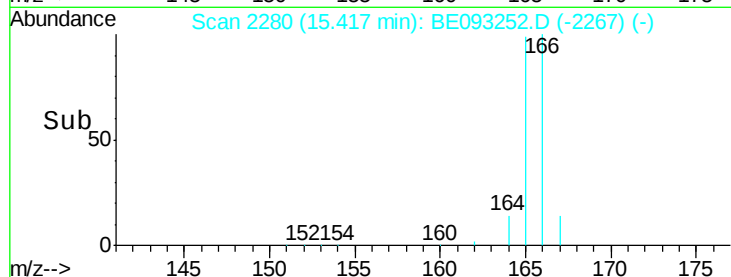
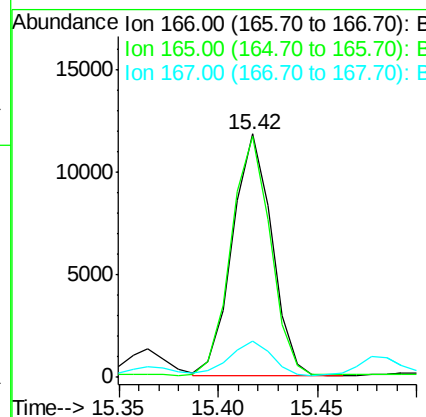
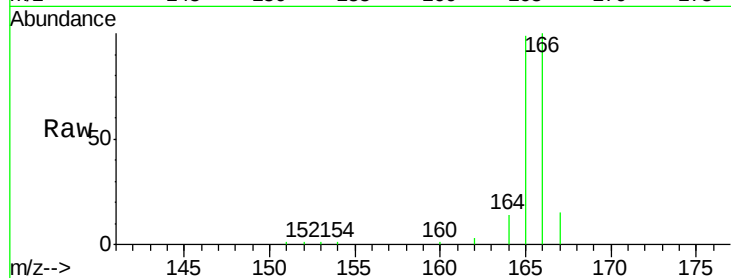
ClientSampleId :

F5C96

Tot Ion:	166	Resp:	16169
Ion Ratio	Lower	Upper	
166	100		
165	98.8	73.4	110.2
167	15.1	14.6	22.0

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#12

Phenanthrene

Concen: 0.73 ng/ul

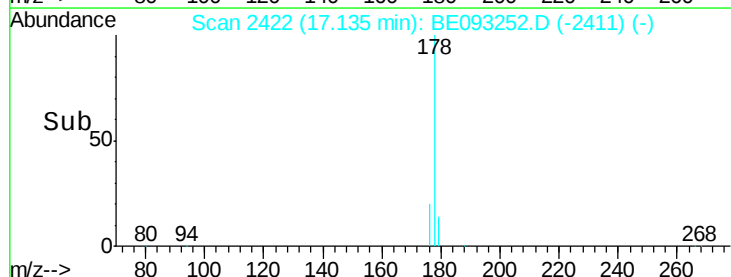
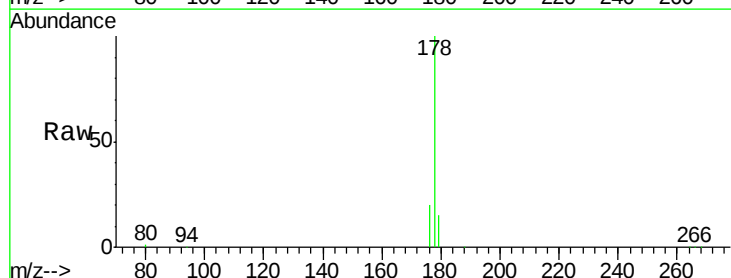
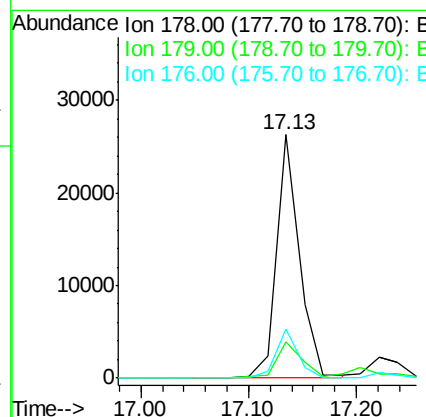
RT: 17.13 min Scan# 2422

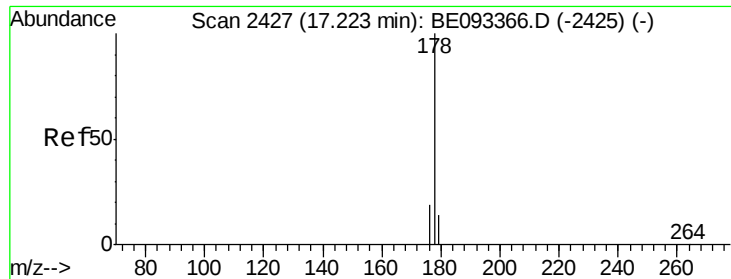
Delta R.T. -0.00 min

Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Tgt Ion:	178	Resp:	38379
Ion Ratio	Lower	Upper	
178	100		
179	14.7	18.4	27.6#
176	20.4	13.6	20.4





#13

Anthracene

Concen: 0.09 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Instrument :

BNA_E

ClientSampled :

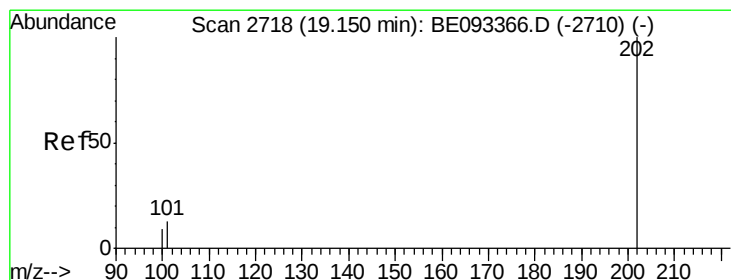
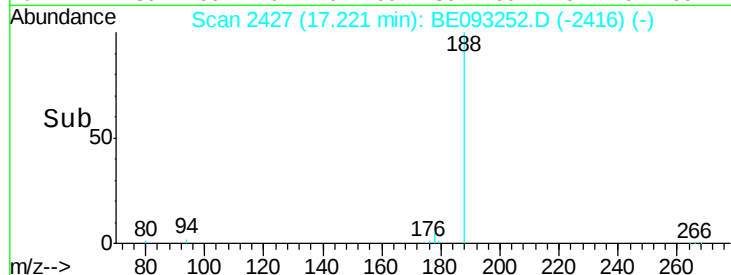
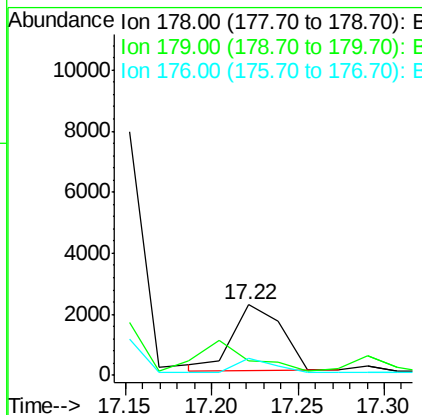
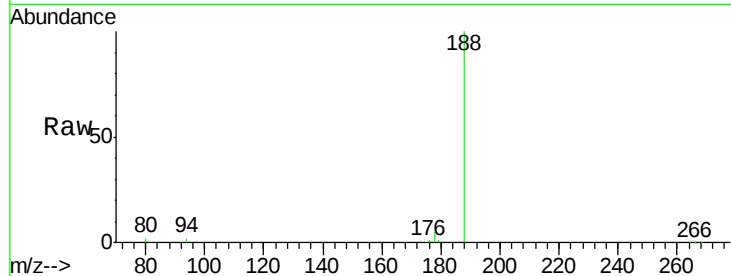
F5C96

Tot Ion:178 Resp: 4244

Ion	Ratio	Lower	Upper
178	100		
179	21.4	18.1	27.1
176	24.1	14.7	22.1

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#15

Fluoranthene

Concen: 0.25 ng/ul

RT: 19.16 min Scan# 2720

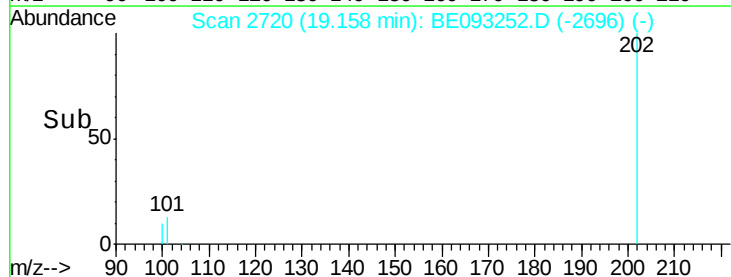
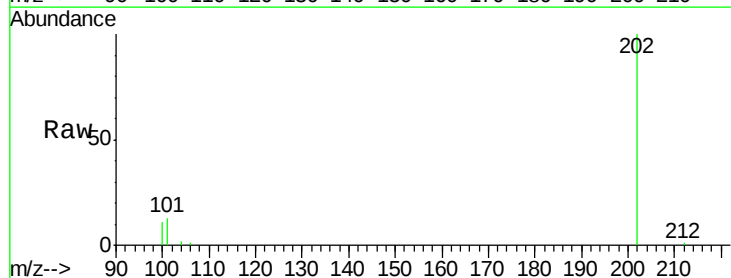
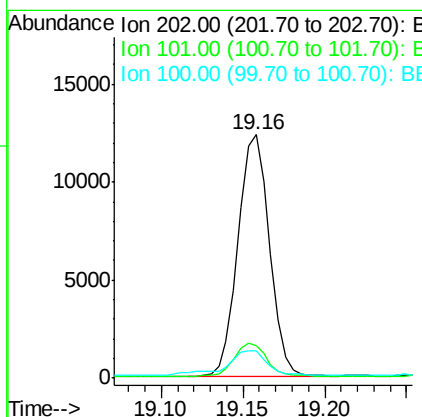
Delta R.T. 0.01 min

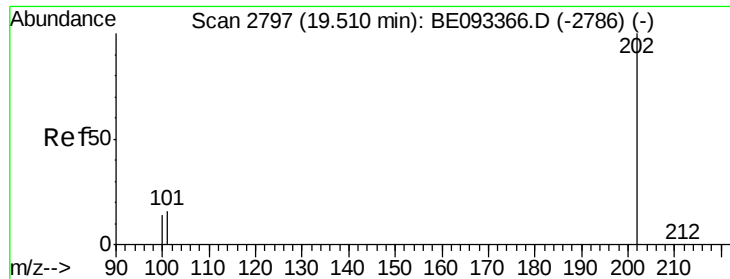
Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Tgt Ion:202 Resp: 16387

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.3
100	11.0	0.0	39.5





#17

Pvrene

Concen: 0.24 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Instrument :

BNA_E

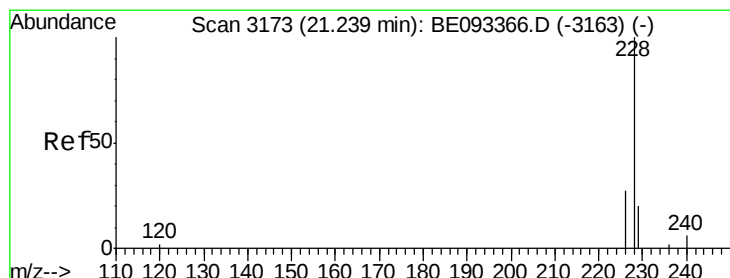
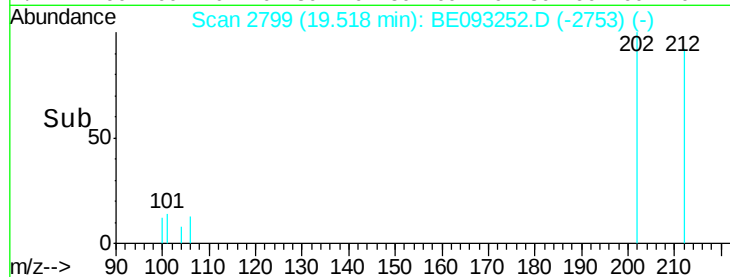
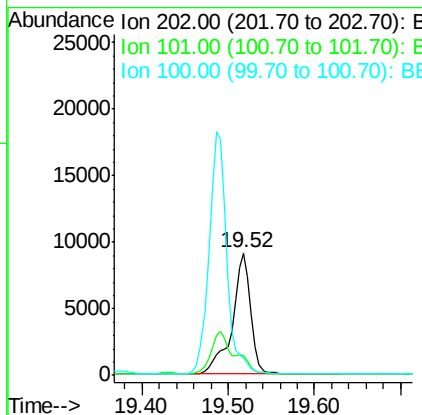
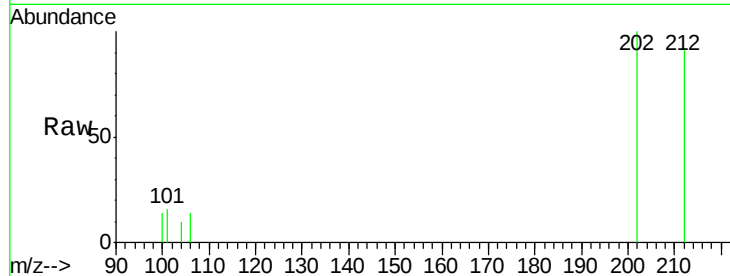
ClientSampleId :

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Tot Ion:202	Resp:	13868
Ion Ratio	Lower	Upper
202	100	
101	15.7	18.2 27.4#
100	13.7	15.6 23.4#

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#18

Benzo(a)anthracene

Concen: 0.05 ng/ul

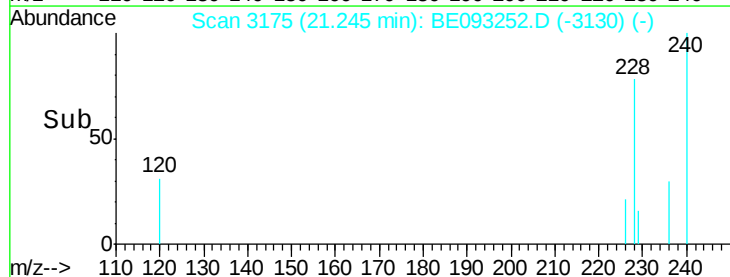
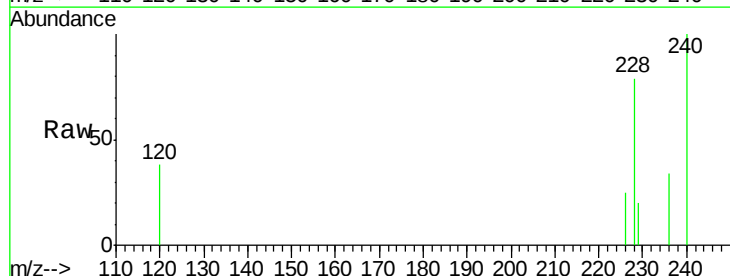
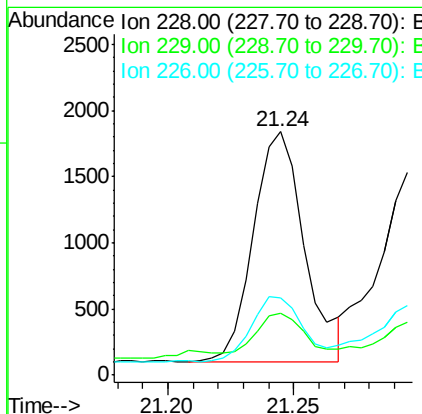
RT: 21.24 min Scan# 3175

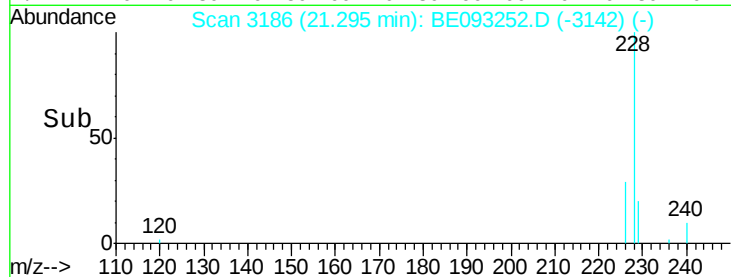
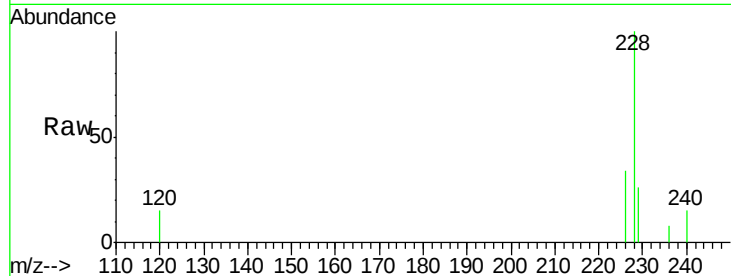
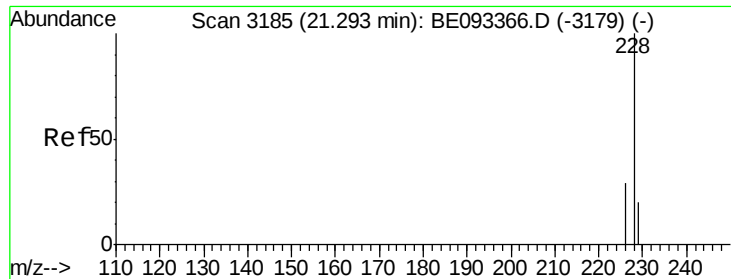
Delta R.T. 0.01 min

Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Tgt Ion:228	Resp:	2433
Ion Ratio	Lower	Upper
228	100	
229	25.7	22.8 34.2
226	31.5	17.0 25.6#





#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093252.D

Acq: 19 Jun 2017 16:04

Instrument :

BNA_E

ClientSampleId :

F5C96

Tot Ion: 228 Resp: 2178

Ion Ratio Lower Upper

228 100

226 34.3 23.4 35.0

229 26.4 17.7 26.5

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