

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093200.D
 Acq On : 15 Jun 2017 9:53
 Operator : SJ/MA
 Sample : I3520-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B47

Manual Integrations
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Quant Time: Jun 15 11:37:06 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 07:58:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3120	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	16435	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10225	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	23904m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	23887	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	19464m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7167	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	16829	0.26	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	18245	0.447	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	4367	0.157	ng/ul	98
7) Acenaphthylene	14.08	152	199508	4.547	ng/ul	95
8) Acenaphthene	14.43	153	5595	0.158	ng/ul	96
9) Fluorene	15.42	166	8005	0.193	ng/ul	90
12) Phenanthrene	17.14	178	428574	6.516	ng/ul#	85
13) Anthracene	17.24	178	272234	4.754	ng/ul#	92
15) Fluoranthene	19.17	202	4138629	51.311	ng/ul	83
17) Pyrene	19.53	202	4075052	57.848	ng/ul	92
18) Benzo(a)anthracene	21.25	228	1934077	30.355	ng/ul#	83
19) Chrysene	21.31	228	2736335	41.400	ng/ul	97
21) Benzo(b)fluoranthene	22.96	252	3343065	56.597	ng/ul	89
22) Benzo(k)fluoranthene	22.99	252	1183534m	18.866	ng/ul	
23) Benzo(a)pyrene	23.58	252	1445681m	25.885	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.21	276	1050418m	16.243	ng/ul	
25) Dibenzo(a,h)anthracene	26.22	278	297550m	5.464	ng/ul	
26) Benzo(g,h,i)perylene	26.99	276	747924	13.486	ng/ul	97

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

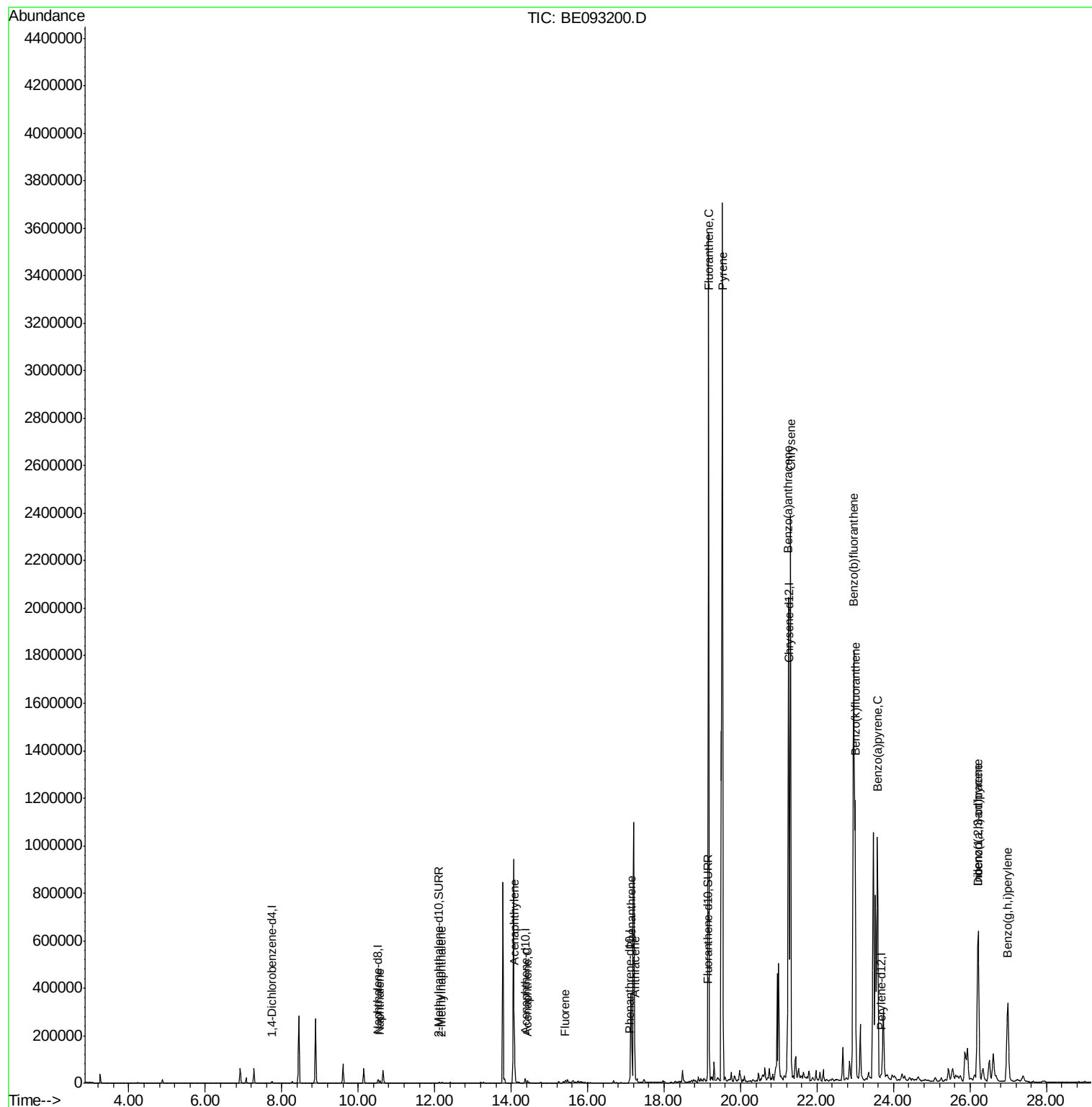
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093200.D
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Sample : I3520-15
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ALS Vial : 35 Sample Multiplier: 1

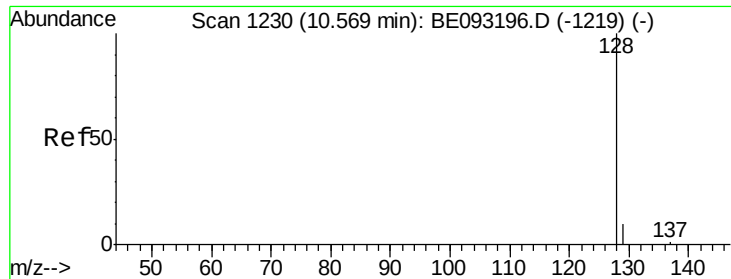
Instrument :
BNA_E
ClientSampled :
F5B47

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Quant Time: Jun 15 11:37:06 2017
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QLast Update : Thu Jun 15 07:58:47 2017
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#3

Naphthalene

Concen: 0.447 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Instrument :

BNA_E

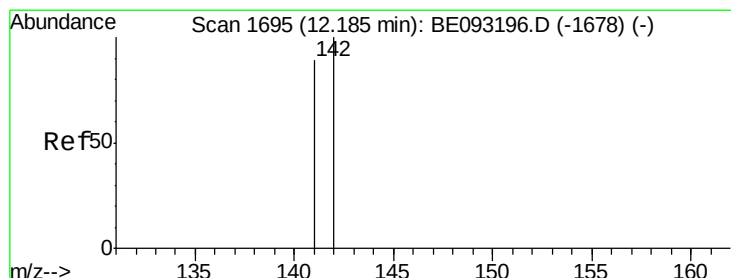
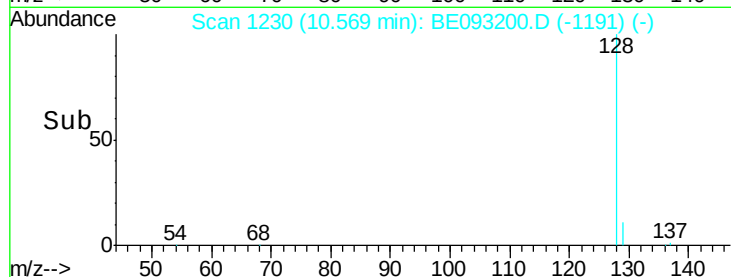
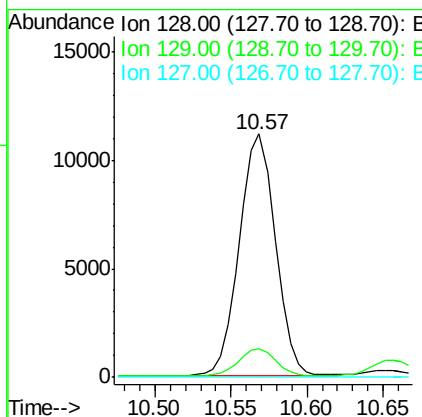
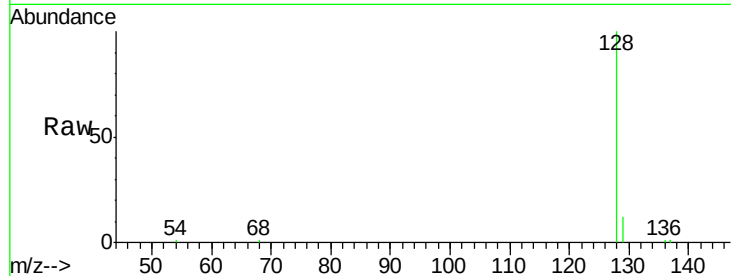
ClientSampleId :

F5B47

Tgt Ion:	128	Resp:	18245
Ion Ratio	Lower	Upper	
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.157 ng/ul

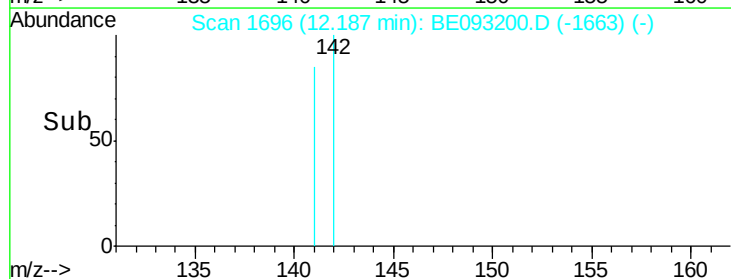
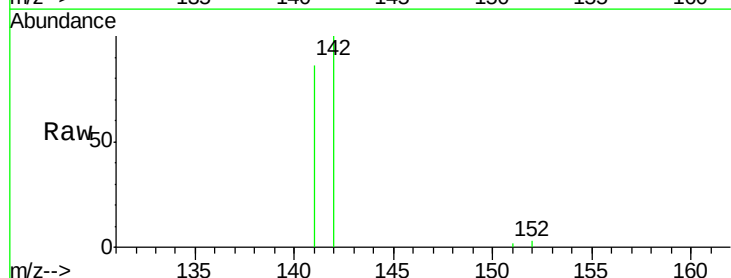
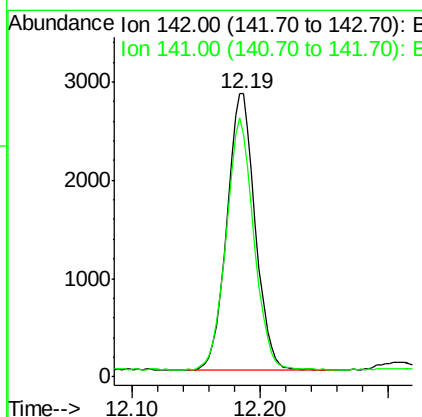
RT: 12.19 min Scan# 1696

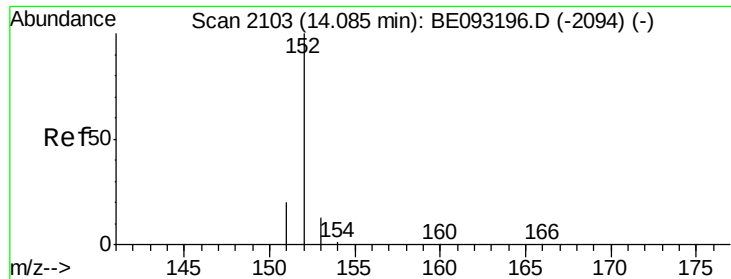
Delta R.T. 0.00 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Tgt Ion:	142	Resp:	4367
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.6	108.8





#7

Acenaphthylene

Concen: 4.547 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Instrument :

BNA_E

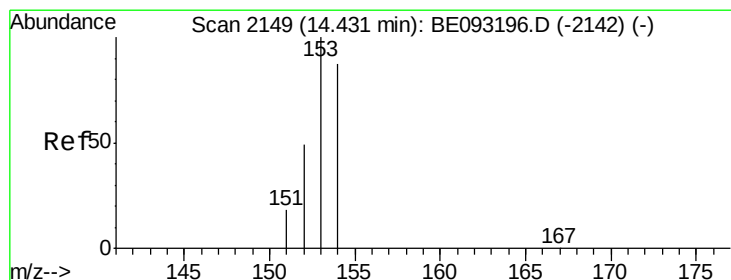
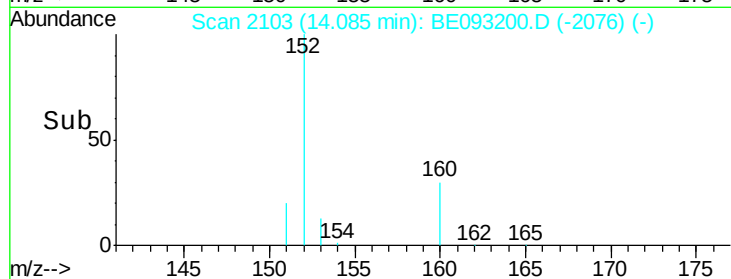
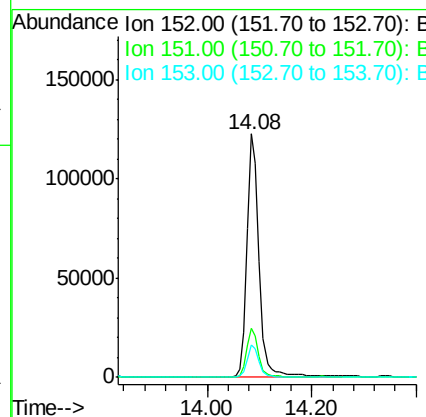
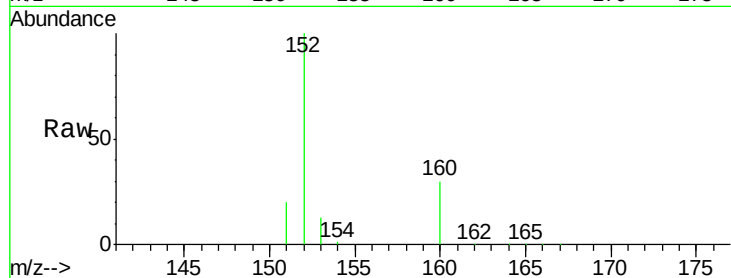
ClientSampleId :

F5B47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.1	25.7
153	13.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.158 ng/ul

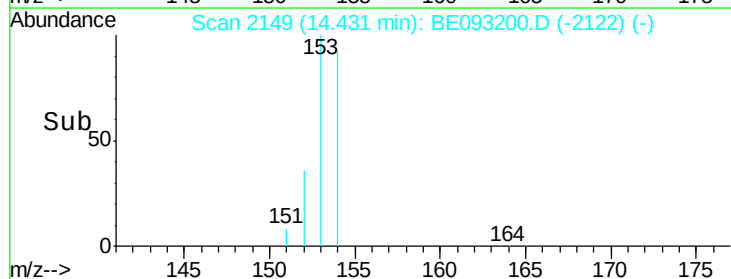
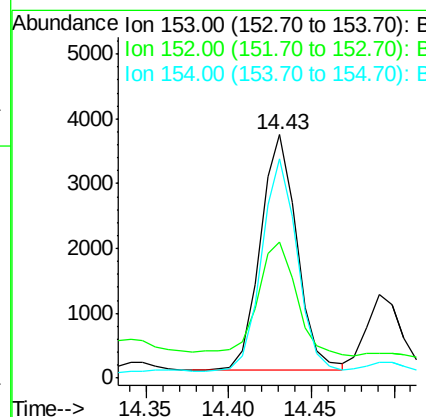
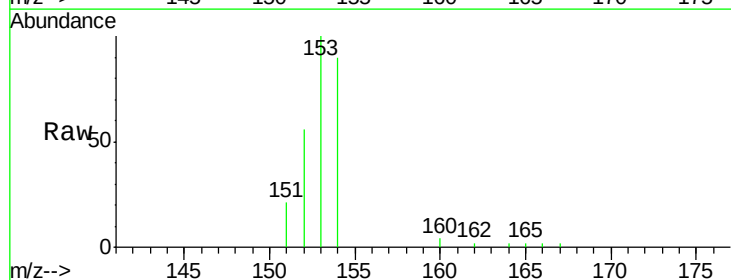
RT: 14.43 min Scan# 2149

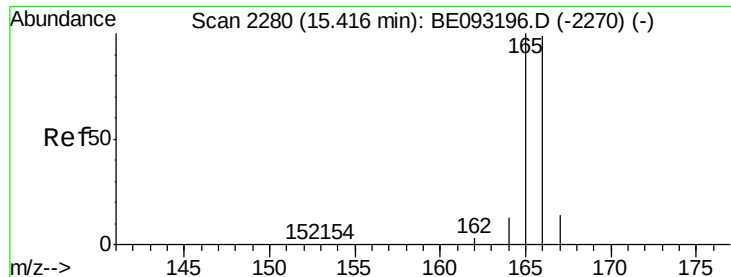
Delta R.T. -0.00 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.9	40.3	60.5
154	90.3	71.4	107.2





#9

Fluorene

Concen: 0.193 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Instrument :

BNA_E

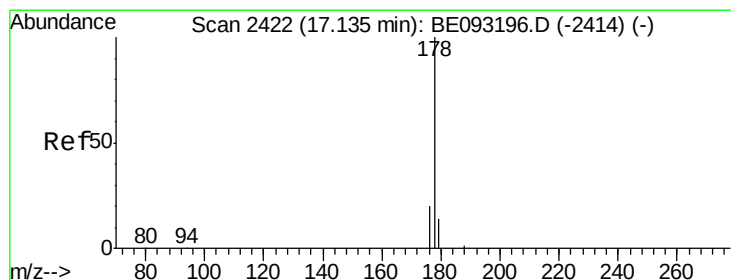
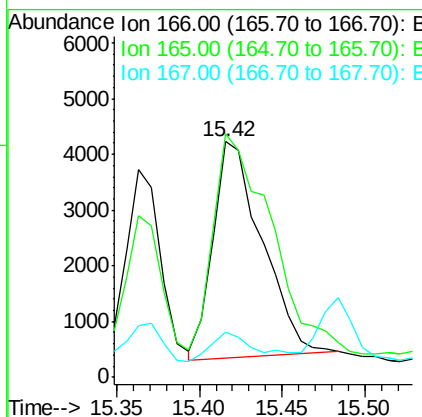
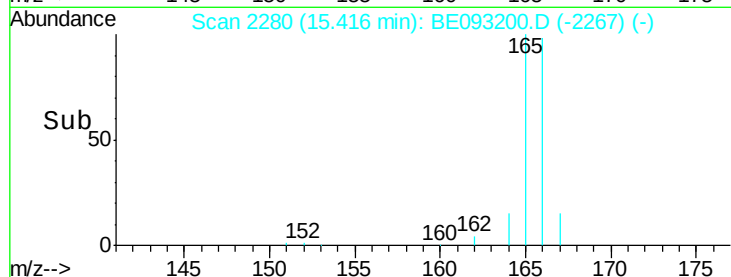
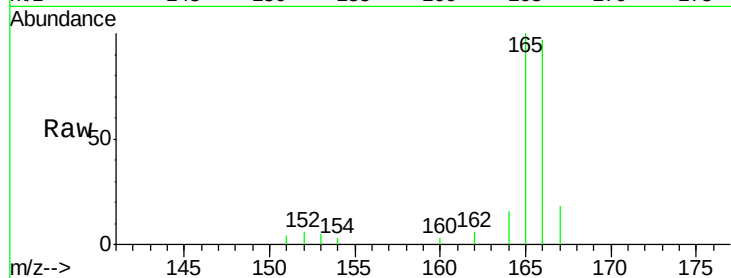
ClientSampleId :

F5B47

Tgt Ion:	166	Resp:	8005
Ion Ratio	Lower	Upper	
166	100		
165	103.4	73.4	110.2
167	19.1	14.6	22.0

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#12

Phenanthrene

Concen: 6.516 ng/ul

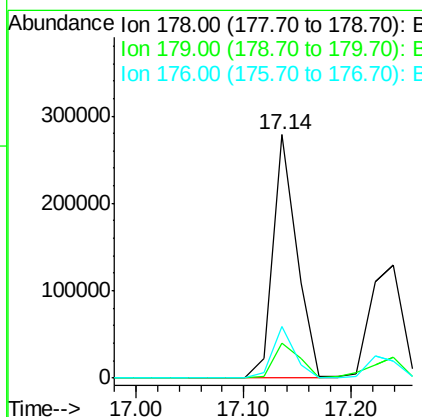
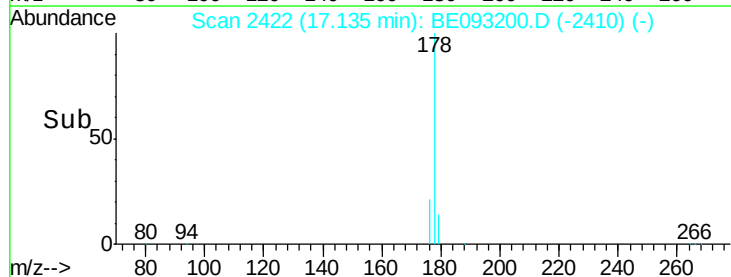
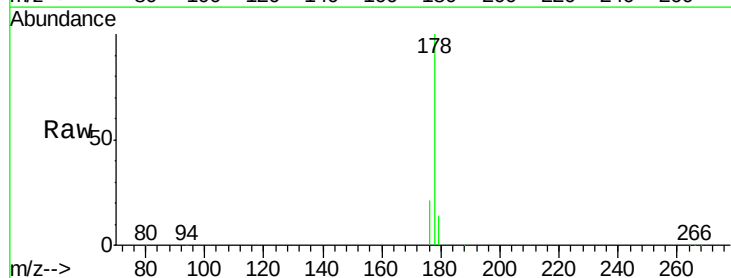
RT: 17.14 min Scan# 2422

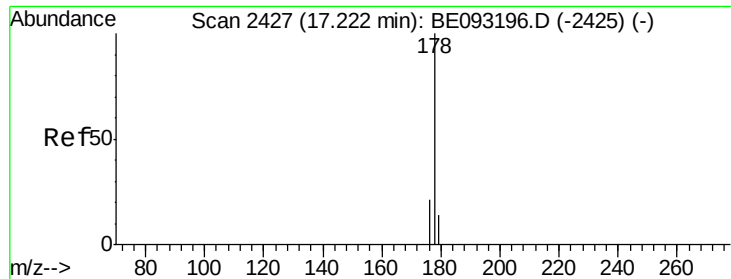
Delta R.T. 0.00 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Tgt Ion:	178	Resp:	428574
Ion Ratio	Lower	Upper	
178	100		
179	14.1	18.4	27.6#
176	21.2	13.6	20.4#





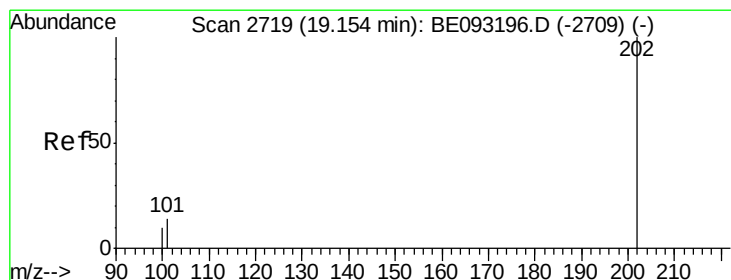
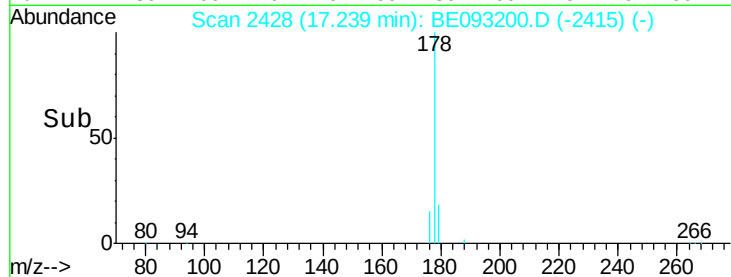
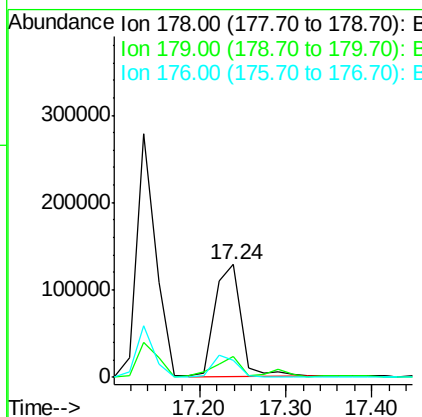
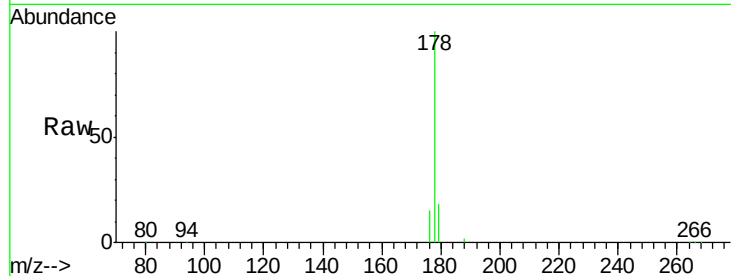
#13
 Anthracene
 Concen: 4.754 ng/ul
 RT: 17.24 min Scan# 2428
 Delta R.T. 0.02 min
 Lab File: BE093200.D
 Acq: 15 Jun 2017 9:53

Instrument :
 BNA_E
 ClientSampleId :
 F5B47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.0	18.1	27.1#
176	15.2	14.7	22.1

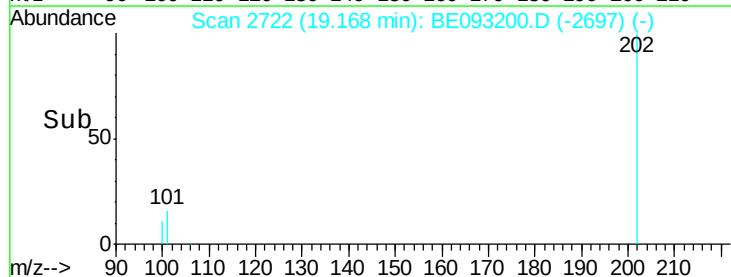
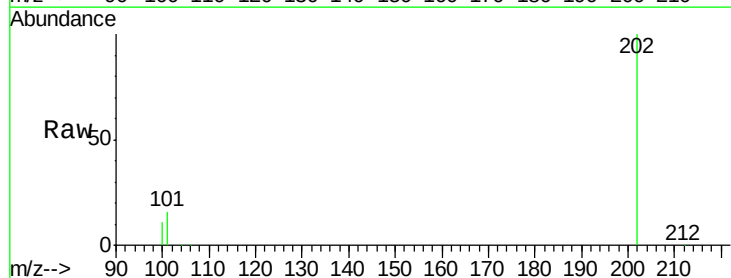
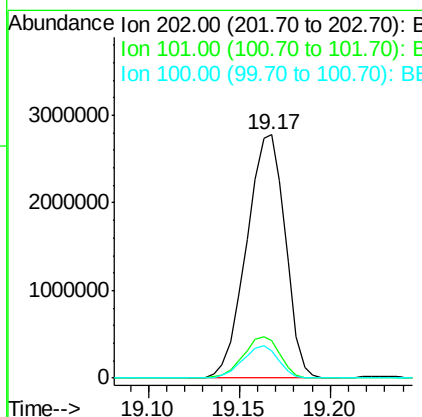
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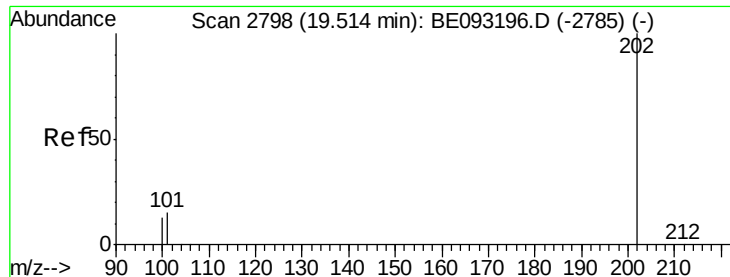
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#15
 Fluoranthene
 Concen: 51.311 ng/ul
 RT: 19.17 min Scan# 2722
 Delta R.T. 0.01 min
 Lab File: BE093200.D
 Acq: 15 Jun 2017 9:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	30.3
100	11.4	0.0	39.5





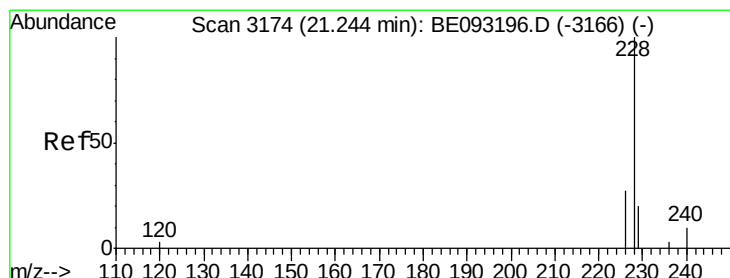
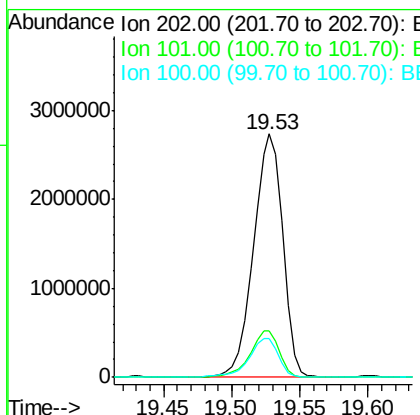
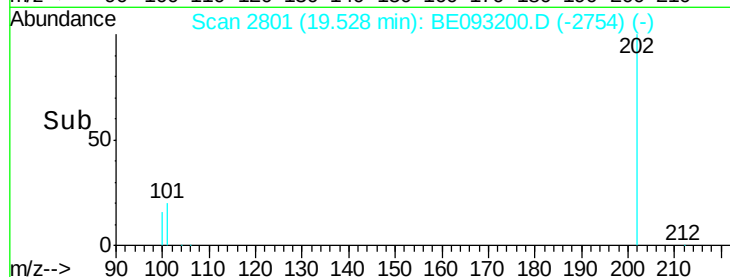
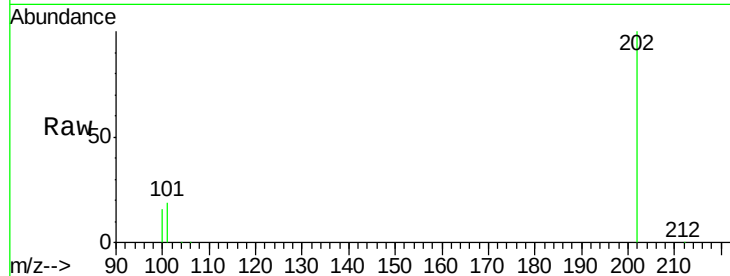
#17
 Pyrene
 Concen: 57.848 ng/ul
 RT: 19.53 min Scan# 2801
 Delta R.T. 0.01 min
 Lab File: BE093200.D
 Acq: 15 Jun 2017 9:53

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:202 Resp: 4075052
 Ion Ratio Lower Upper
 202 100
 101 19.3 18.2 27.4
 100 15.8 15.6 23.4

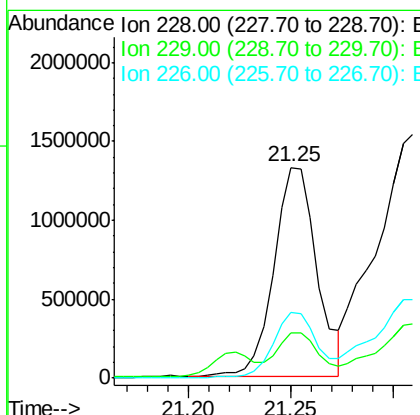
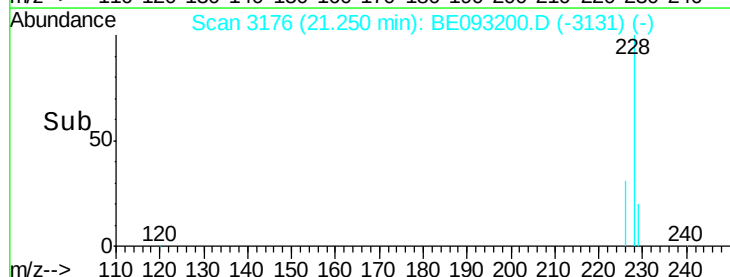
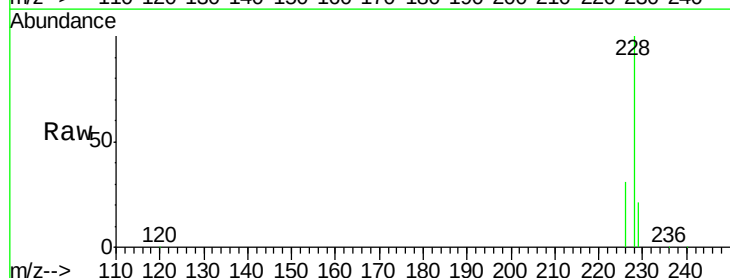
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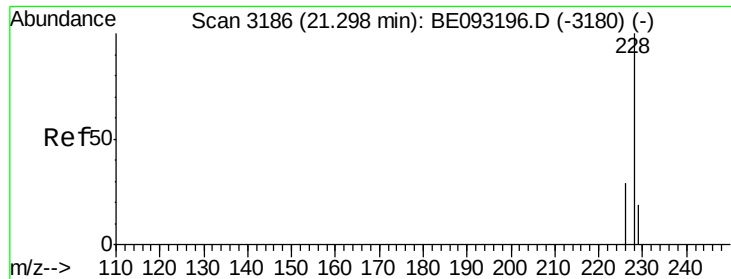
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#18
 Benzo(a)anthracene
 Concen: 30.355 ng/ul
 RT: 21.25 min Scan# 3176
 Delta R.T. 0.01 min
 Lab File: BE093200.D
 Acq: 15 Jun 2017 9:53

Tgt Ion:228 Resp: 1934077
 Ion Ratio Lower Upper
 228 100
 229 21.2 22.8 34.2#
 226 31.4 17.0 25.6#





#19

Chrysene

Concen: 41.400 ng/ul

RT: 21.31 min Scan# 3189

Delta R.T. 0.01 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Instrument :

BNA_E

ClientSampleId :

F5B47

Tgt Ion:228 Resp: 2736335

Ion Ratio Lower Upper

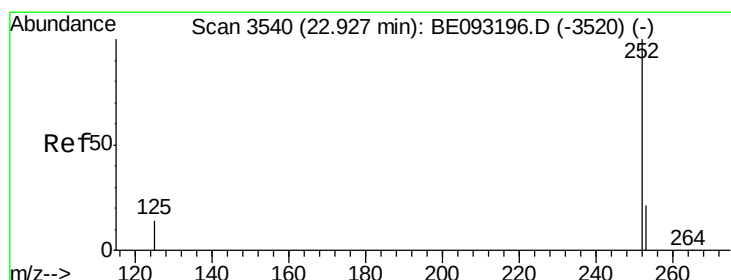
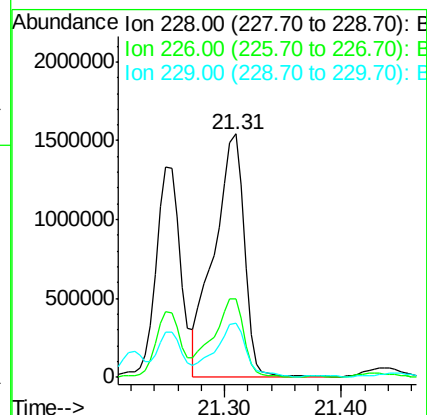
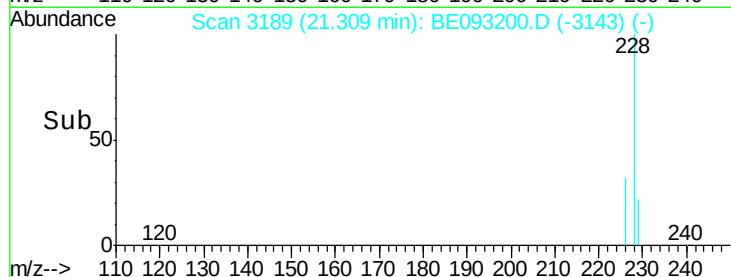
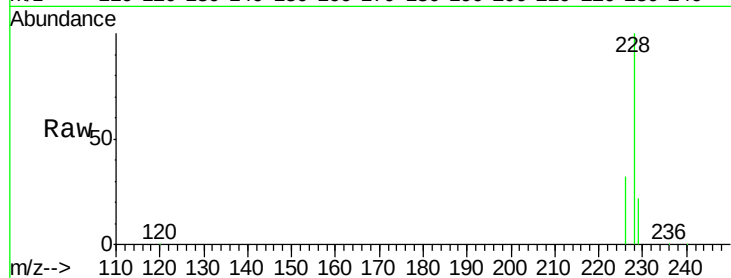
228 100

226 32.1 23.4 35.0

229 22.5 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 56.597 ng/ul

RT: 22.96 min Scan# 3548

Delta R.T. 0.03 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

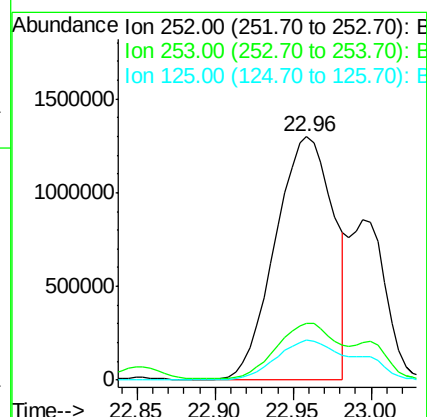
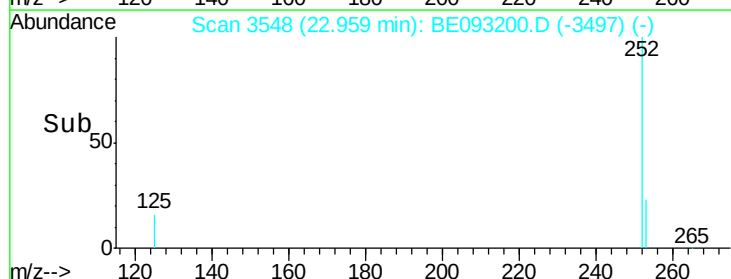
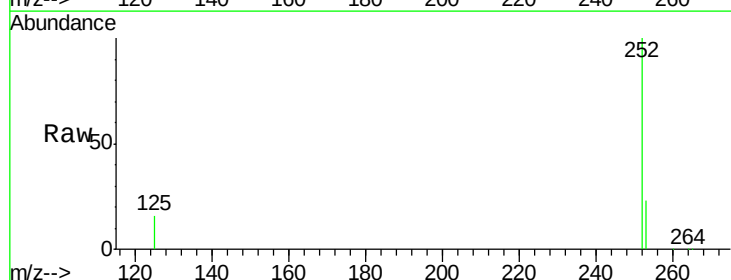
Tgt Ion:252 Resp: 3343065

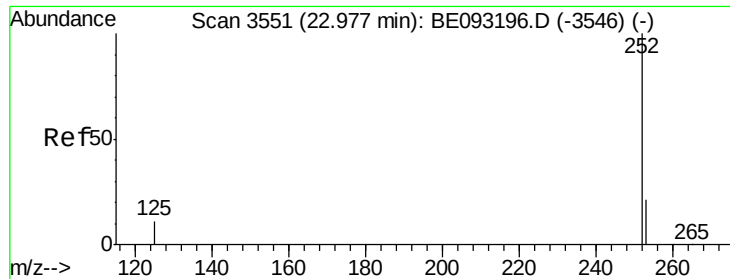
Ion Ratio Lower Upper

252 100

253 23.4 0.0 64.2

125 16.3 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 18.866 ng/ul m

RT: 22.99 min Scan# 3556

Delta R.T. 0.02 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Instrument :

BNA_E

ClientSampleId :

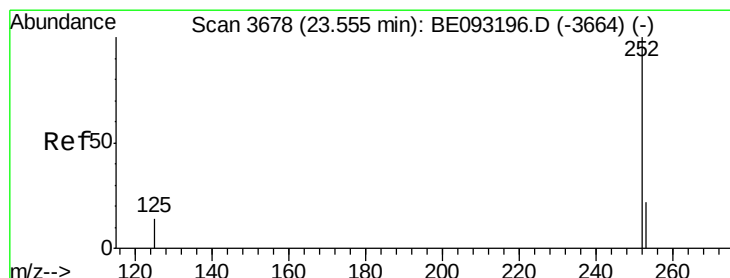
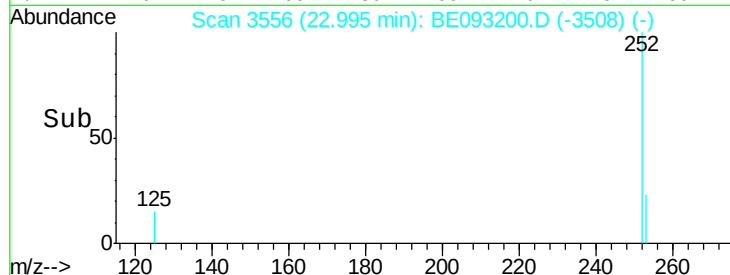
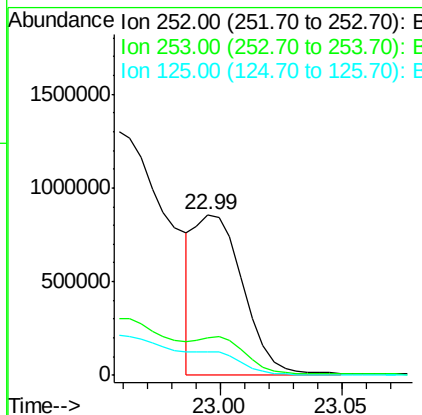
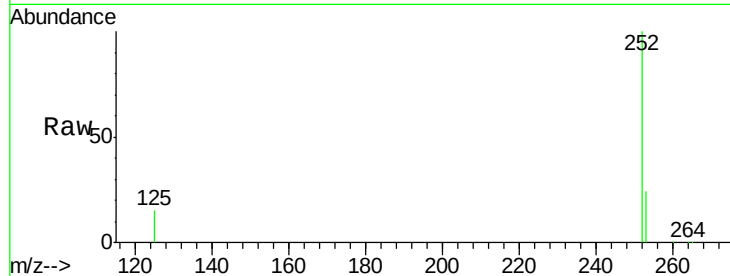
F5B47

Tgt Ion:252 Resp: 1183534

Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	15.0	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 25.885 ng/ul m

RT: 23.58 min Scan# 3685

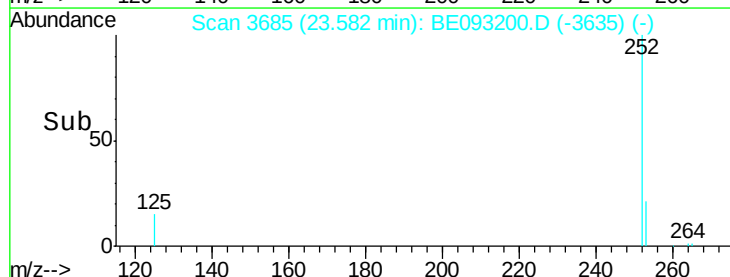
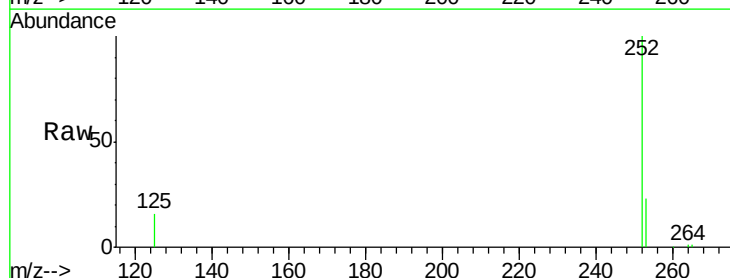
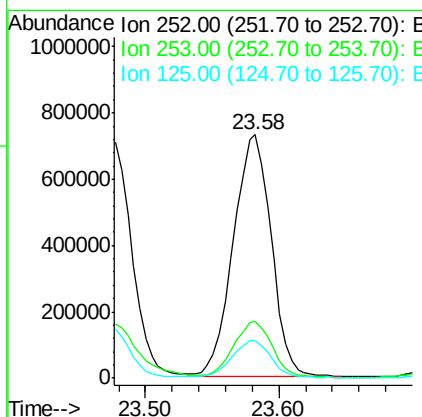
Delta R.T. 0.03 min

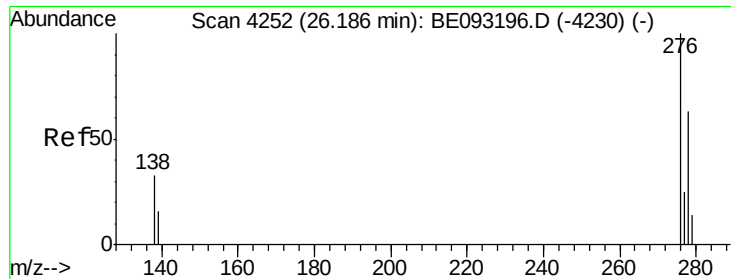
Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Tgt Ion:252 Resp: 1445681

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	15.6	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 16.243 ng/ul m

RT: 26.21 min Scan# 4259

Delta R.T. 0.03 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Instrument :

BNA_E

ClientSampleId :

F5B47

Tgt Ion:276 Resp: 1050418

Ion Ratio Lower Upper

276 100

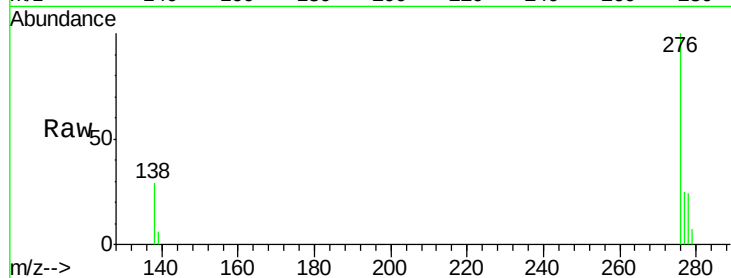
138 3.3 28.0 42.0#

227 0.0 8.0 12.0#

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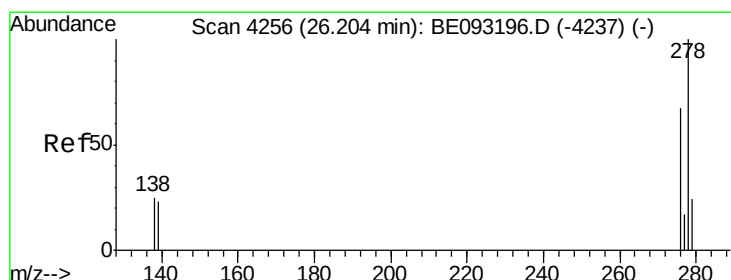
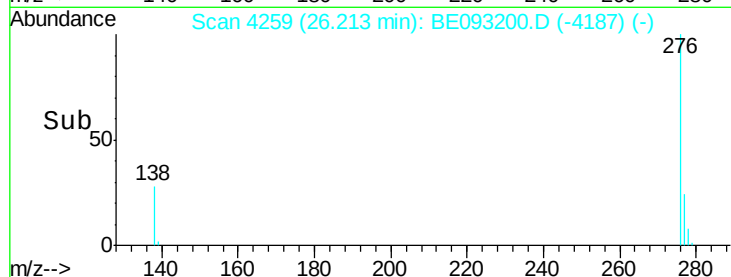
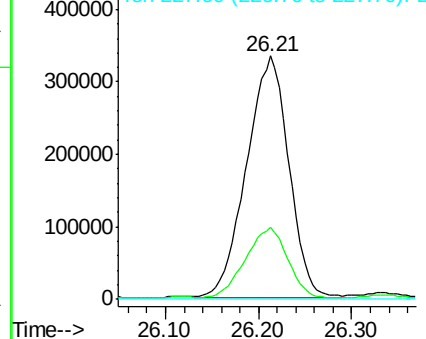
6/15/2017 3:54:30 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 5.464 ng/ul m

RT: 26.22 min Scan# 4260

Delta R.T. 0.01 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

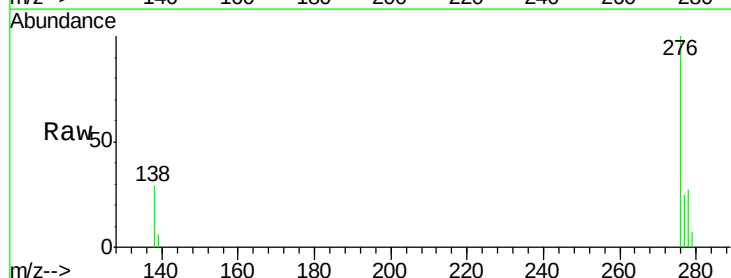
Tgt Ion:278 Resp: 297550

Ion Ratio Lower Upper

278 100

139 23.2 17.4 26.0

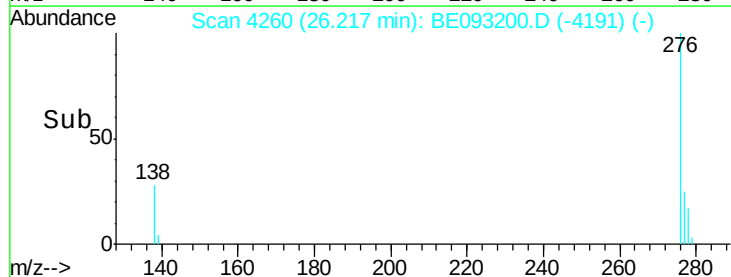
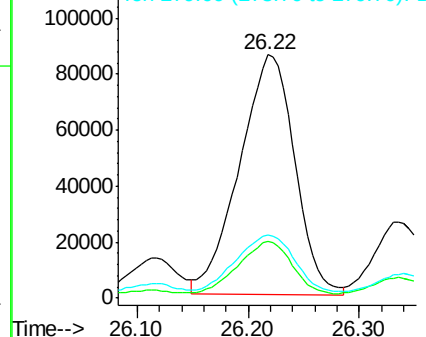
279 26.0 25.9 38.9

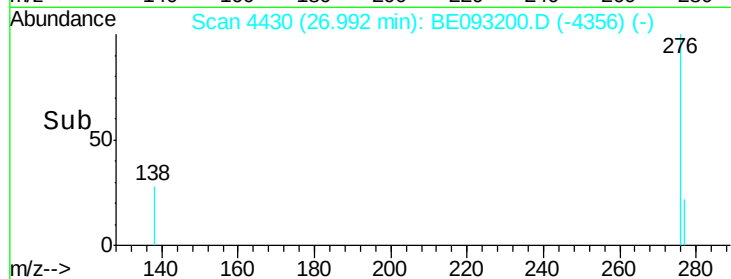
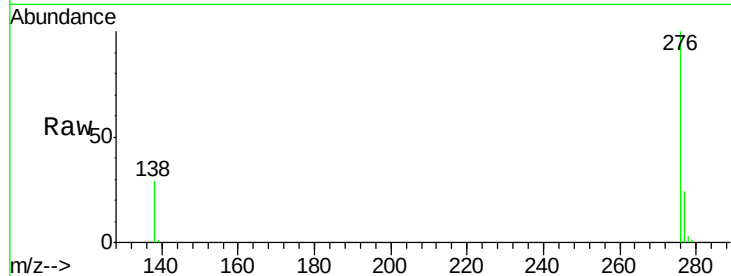
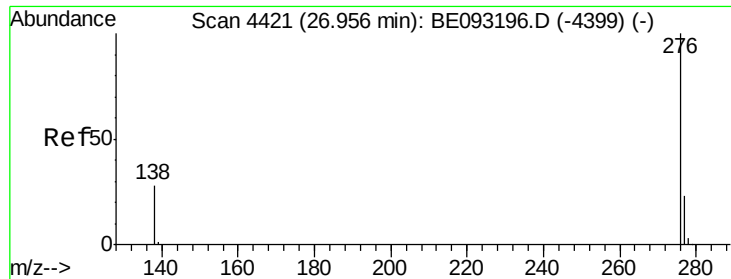


Abundance Ion 278.00 (277.70 to 278.70): E

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: 13.486 ng/ul

RT: 26.99 min Scan# 4430

Delta R.T. 0.04 min

Lab File: BE093200.D

Acq: 15 Jun 2017 9:53

Instrument :

BNA_E

ClientSampleId :

F5B47

Tgt Ion:	276	Resp:	747924
Ion Ratio	Lower	Upper	
276	100		
138	28.7	21.8	32.8
277	24.2	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:30 PM

