

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093193.D
 Acq On : 15 Jun 2017 5:36
 Operator : SJ/MA
 Sample : I3521-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B88

Manual Integrations
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Quant Time: Jun 15 06:39:12 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 03:59:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3448	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17391	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10431	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	23433	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	23912	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	20138m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5740	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	14942	0.23	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	5034	0.117	ng/ul#	95
5) 2-Methylnaphthalene	12.19	142	1130	0.038	ng/ul	98
7) Acenaphthylene	14.08	152	27598	0.617	ng/ul	97
8) Acenaphthene	14.43	153	813	0.023	ng/ul#	93
9) Fluorene	15.42	166	1060	0.025	ng/ul#	90
12) Phenanthrene	17.14	178	66895	1.038	ng/ul#	86
13) Anthracene	17.22	178	42623	0.759	ng/ul#	87
15) Fluoranthene	19.16	202	438051	5.540	ng/ul	83
17) Pyrene	19.52	202	492529	6.984	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	266039	4.171	ng/ul#	84
19) Chrysene	21.30	228	307466	4.647	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	477076	7.806	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	149869m	2.309	ng/ul	
23) Benzo(a)pyrene	23.56	252	232586m	4.025	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	147075m	2.198	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	40428m	0.718	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	117392	2.046	ng/ul	96

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

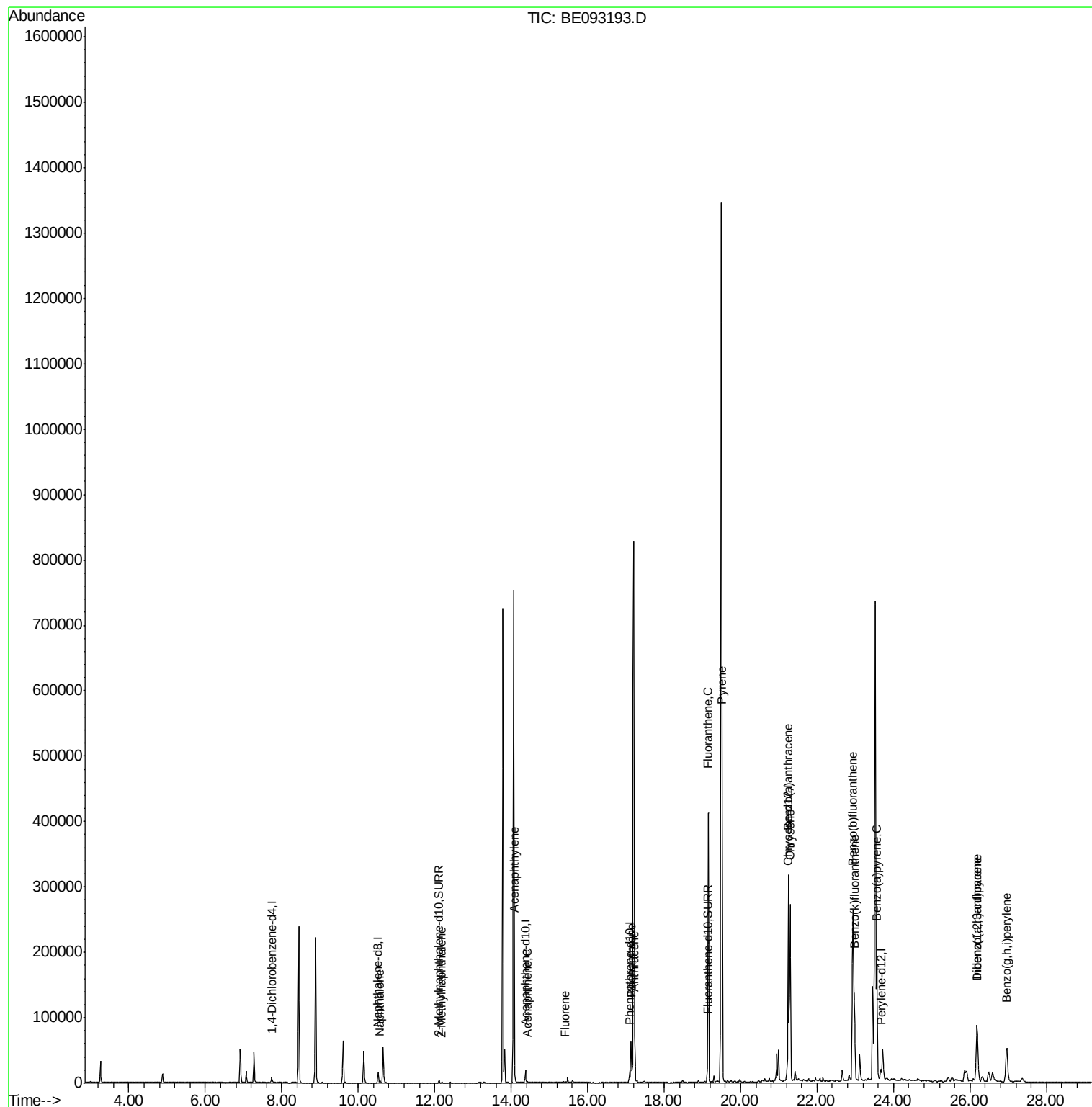
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

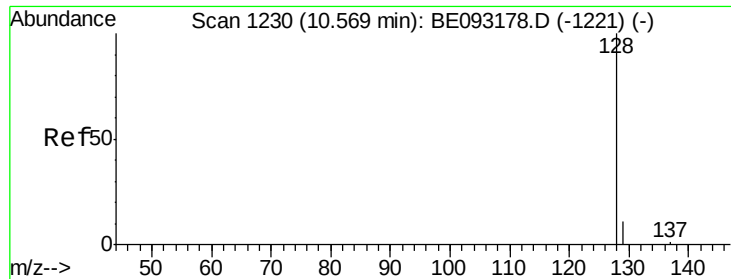
Instrument :
BNA_E
ClientSampleId :
F5B88

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Thu Jun 15 03:59:13 2017
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#3

Naphthalene

Concen: 0.117 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093193.D

Acq: 15 Jun 2017 5:36

Instrument :

BNA_E

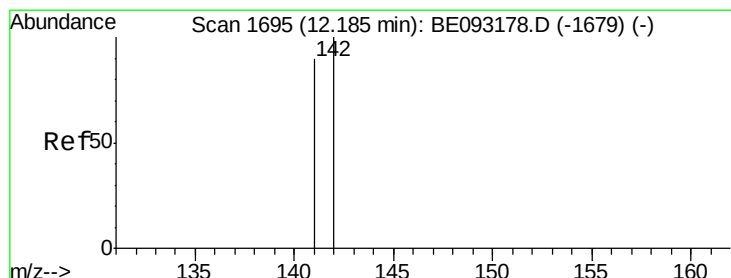
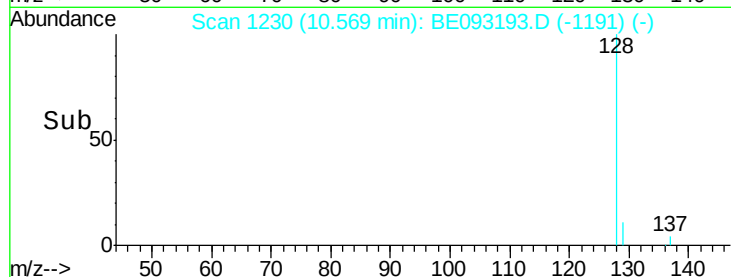
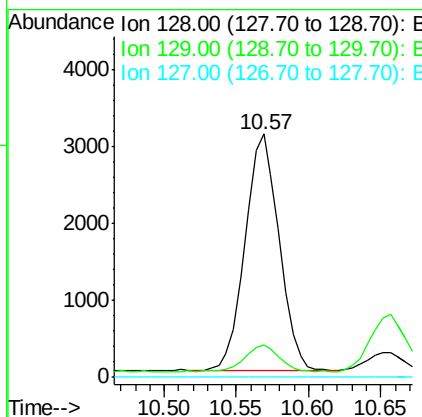
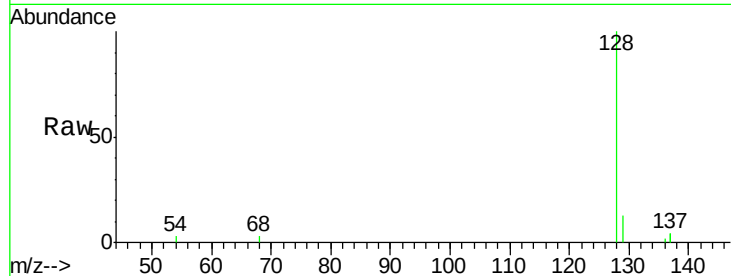
ClientSampleId :

F5B88

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.038 ng/ul

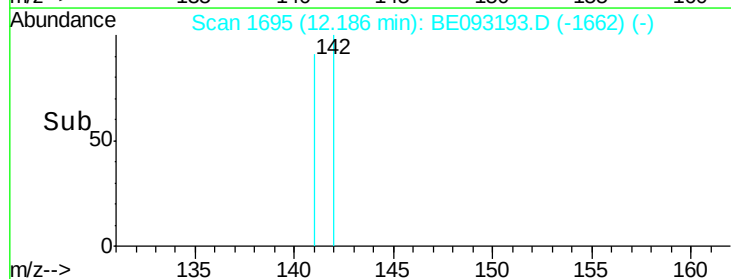
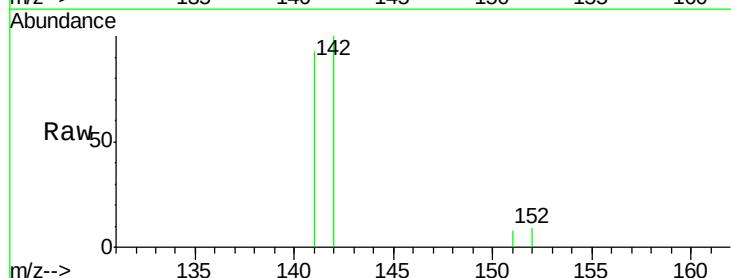
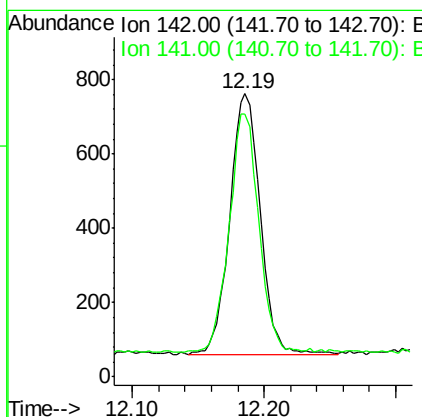
RT: 12.19 min Scan# 1695

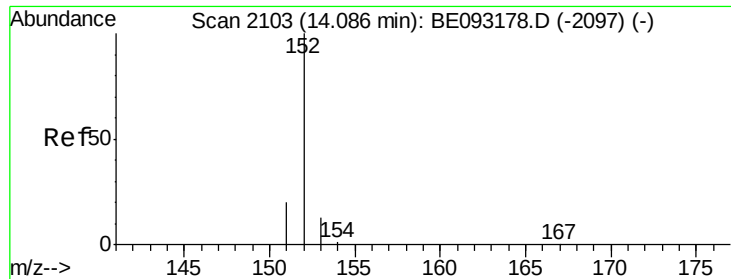
Delta R.T. 0.00 min

Lab File: BE093193.D

Acq: 15 Jun 2017 5:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.617 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093193.D

Acq: 15 Jun 2017 5:36

Instrument :

BNA_E

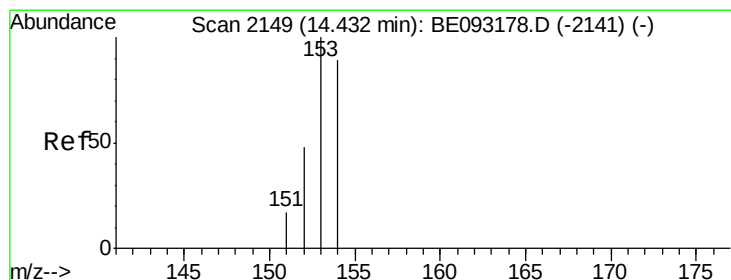
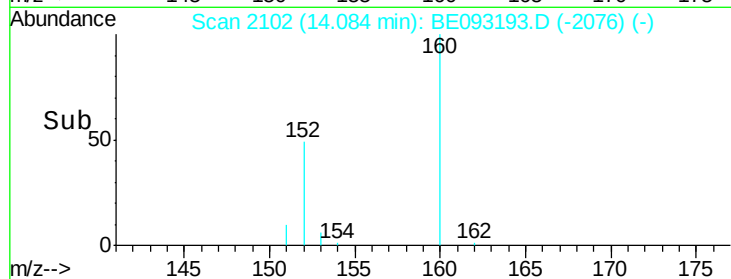
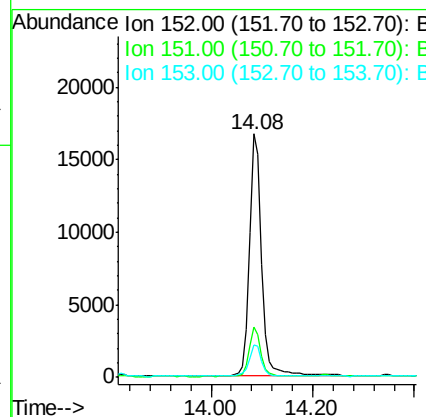
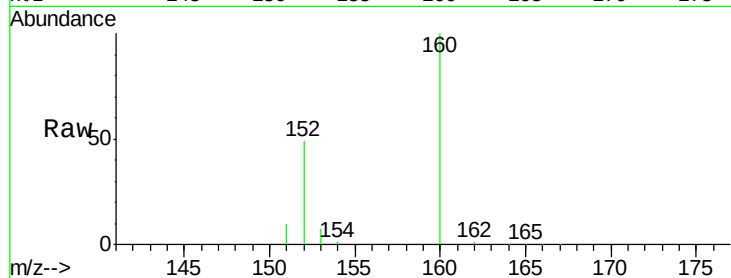
ClientSampleId :

F5B88

Tgt Ion:	152	Resp:	27598
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	13.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.023 ng/ul

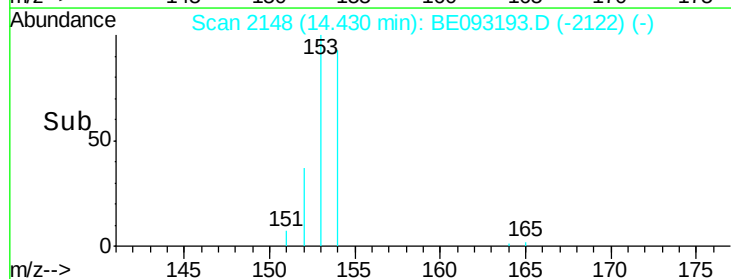
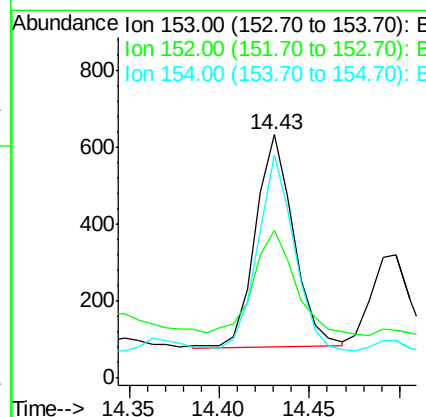
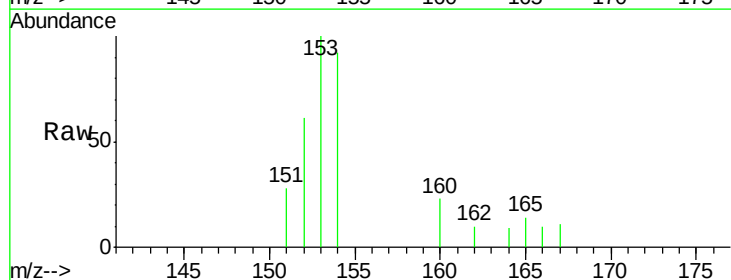
RT: 14.43 min Scan# 2148

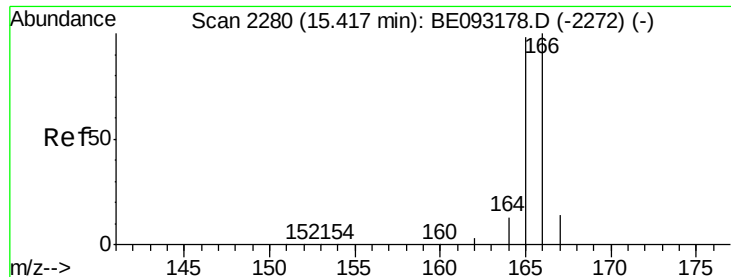
Delta R.T. -0.00 min

Lab File: BE093193.D

Acq: 15 Jun 2017 5:36

Tgt Ion:	153	Resp:	813
Ion Ratio	Lower	Upper	
153	100		
152	60.7	40.3	60.5#
154	91.6	71.4	107.2





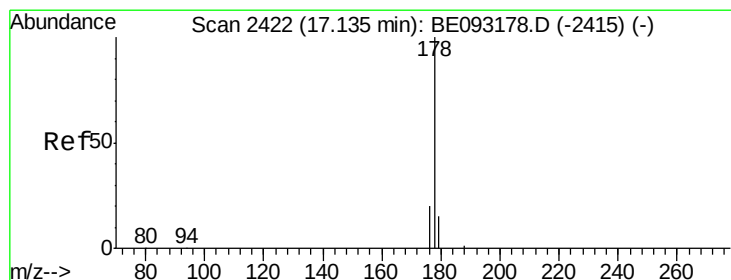
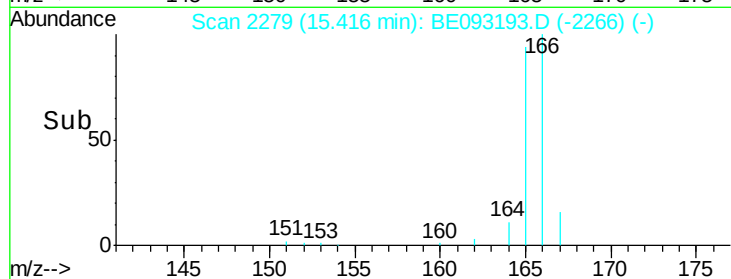
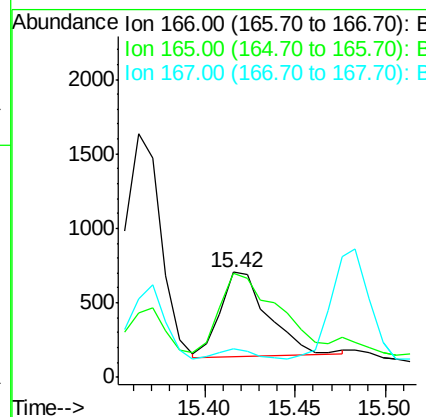
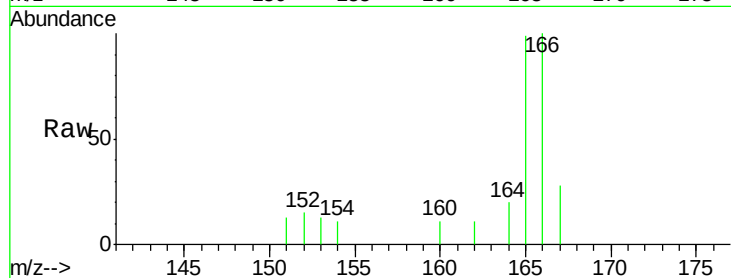
#9
Fluorene
 Concen: 0.025 ng/ul
 RT: 15.42 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE093193.D
 Acq: 15 Jun 2017 5:36

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	73.4	110.2
167	27.8	14.6	22.0

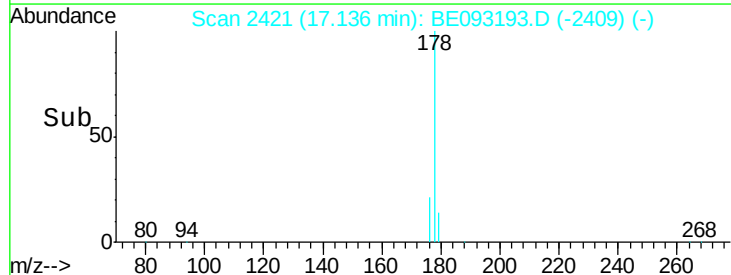
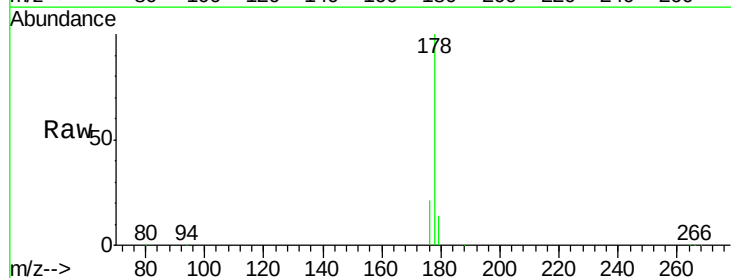
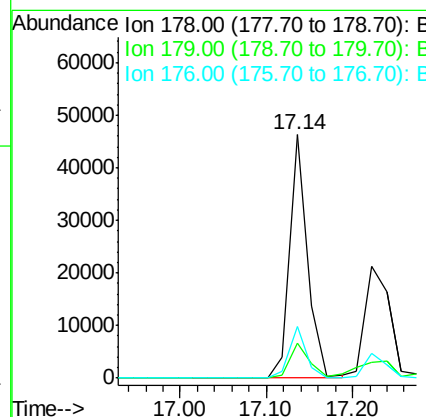
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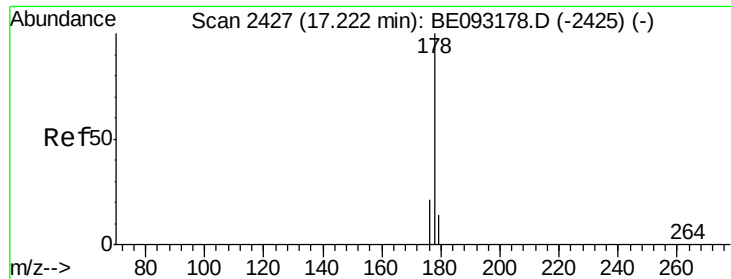
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#12
Phenanthrene
 Concen: 1.038 ng/ul
 RT: 17.14 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BE093193.D
 Acq: 15 Jun 2017 5:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	18.4	27.6
176	21.0	13.6	20.4





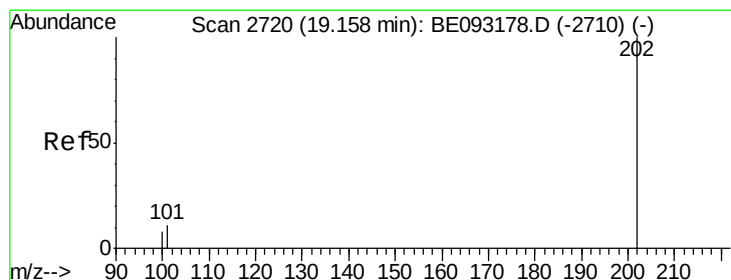
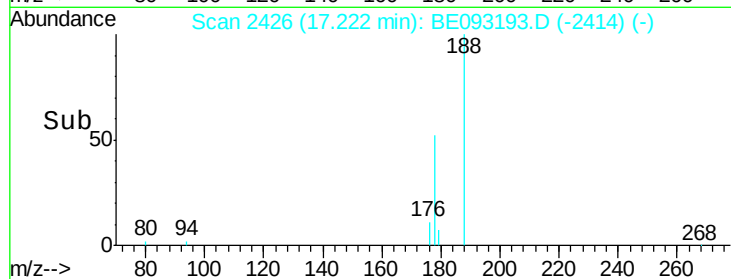
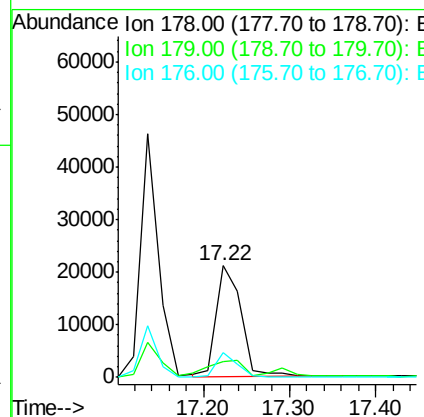
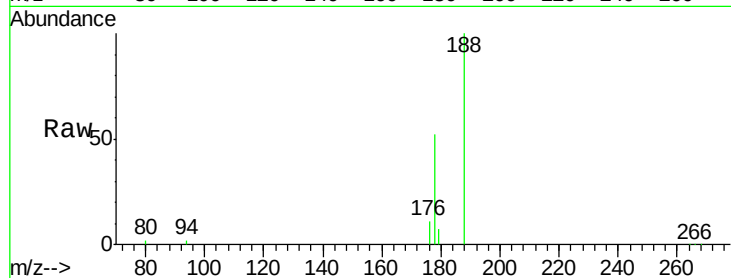
#13
 Anthracene
 Concen: 0.759 ng/ul
 RT: 17.22 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BE093193.D
 Acq: 15 Jun 2017 5:36

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	18.1	27.1#
176	21.9	14.7	22.1

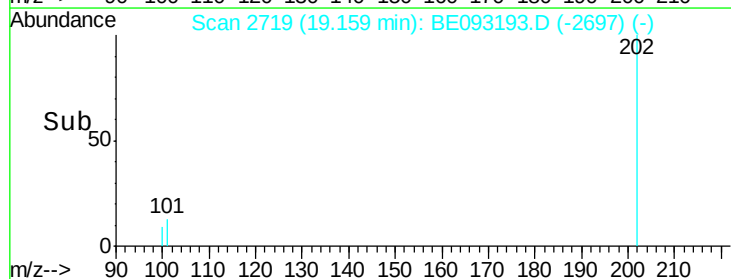
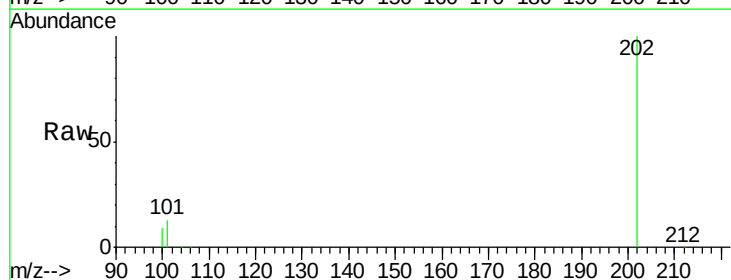
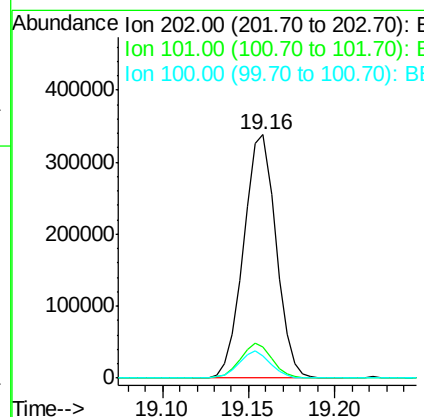
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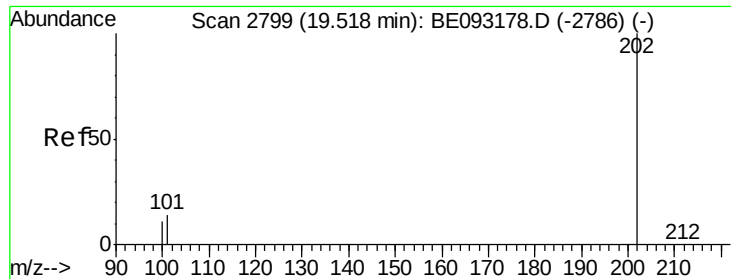
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#15
 Fluoranthene
 Concen: 5.540 ng/ul
 RT: 19.16 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093193.D
 Acq: 15 Jun 2017 5:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.3
100	9.1	0.0	39.5





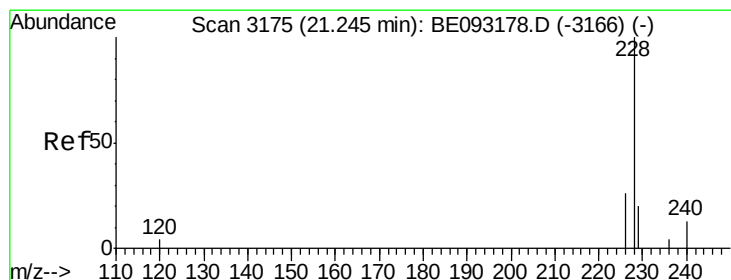
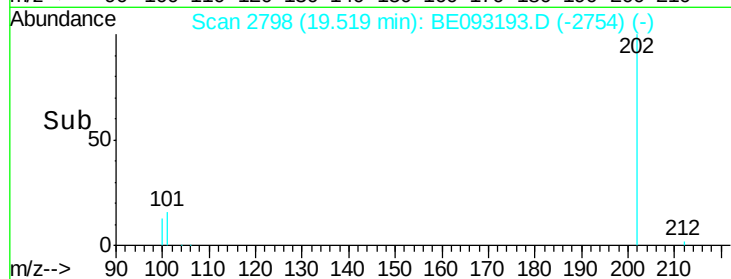
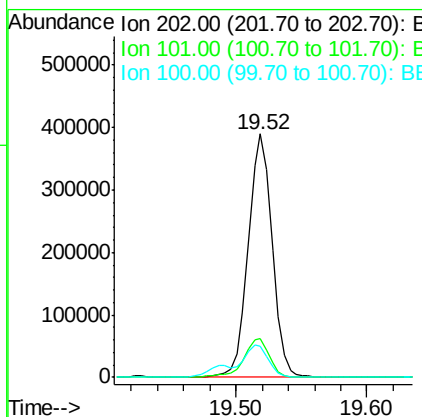
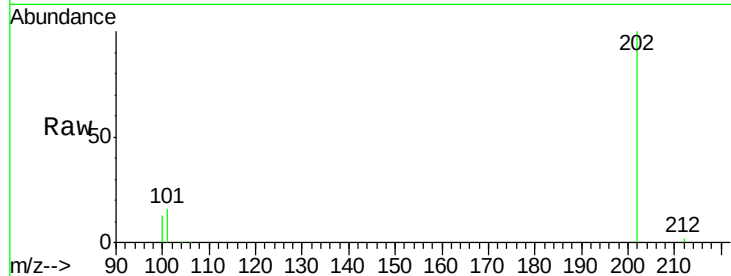
#17
 Pyrene
 Concen: 6.984 ng/ul
 RT: 19.52 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093193.D
 Acq: 15 Jun 2017 5:36

Instrument :
 BNA_E
 ClientSampled :
 F5B88

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.7	18.2	27.4#
100	12.7	15.6	23.4#

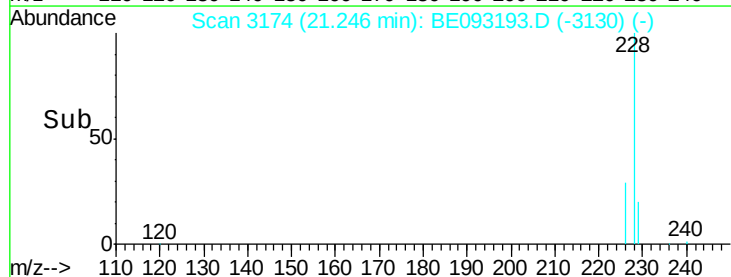
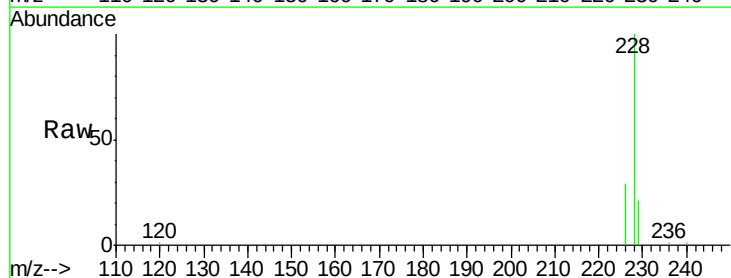
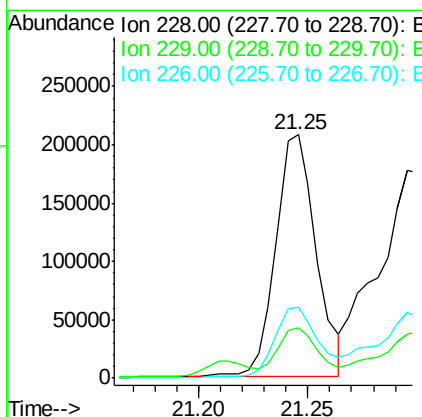
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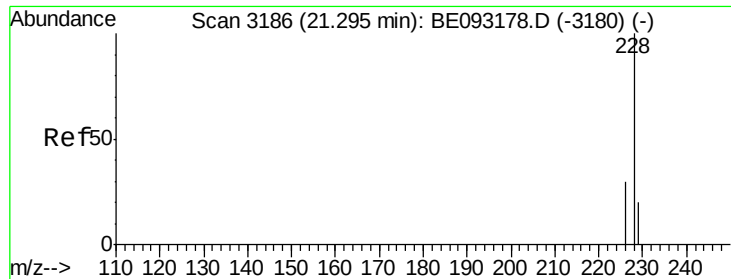
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#18
 Benzo(a)anthracene
 Concen: 4.171 ng/ul
 RT: 21.25 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093193.D
 Acq: 15 Jun 2017 5:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	22.8	34.2#
226	29.2	17.0	25.6#





#19

Chrysene

Concen: 4.647 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093193.D

Acq: 15 Jun 2017 5:36

Instrument :

BNA_E

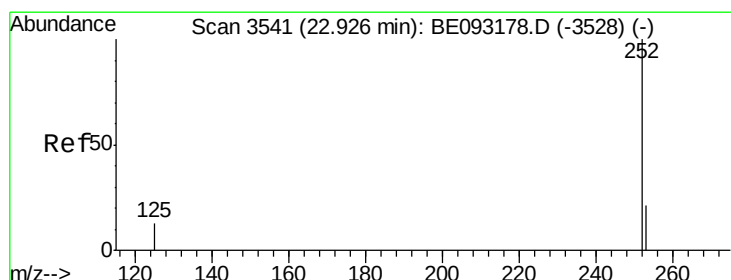
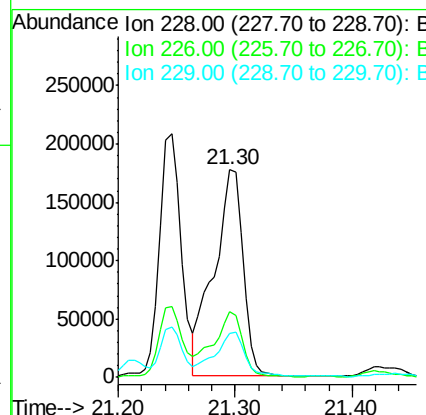
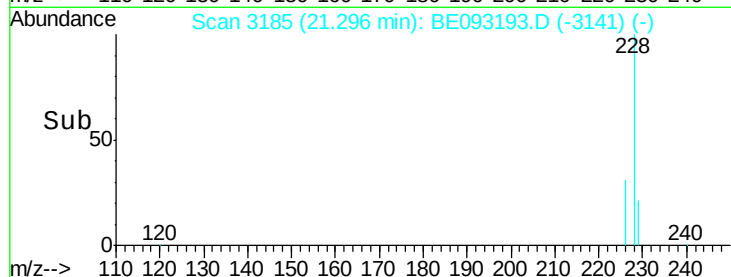
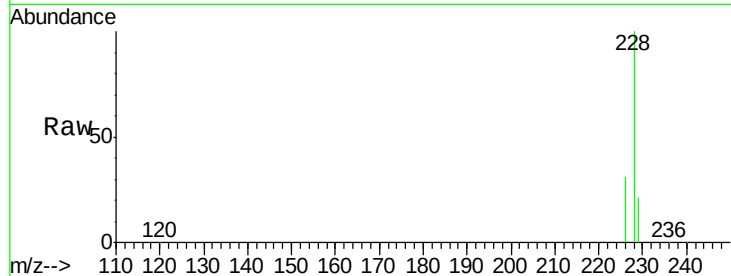
ClientSampleId :

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Tgt Ion:	228	Resp:	307466
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	21.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 7.806 ng/ul

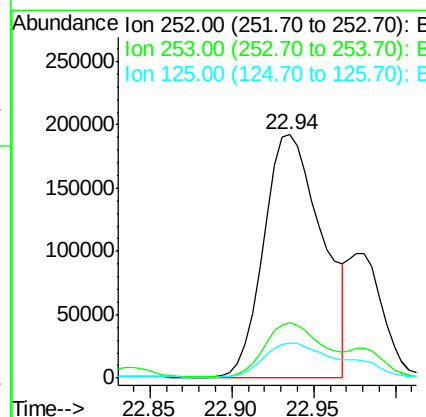
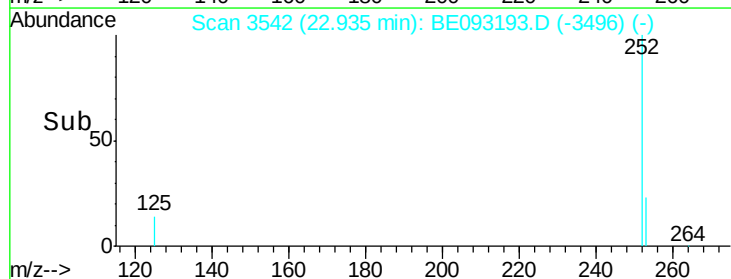
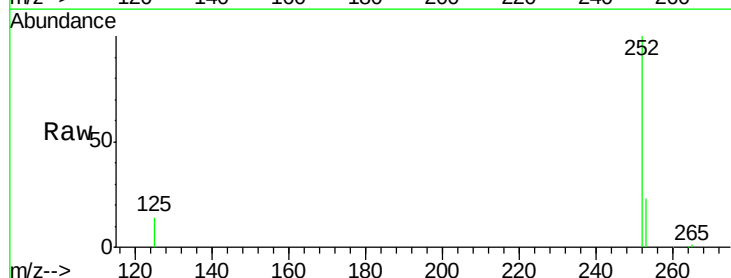
RT: 22.94 min Scan# 3542

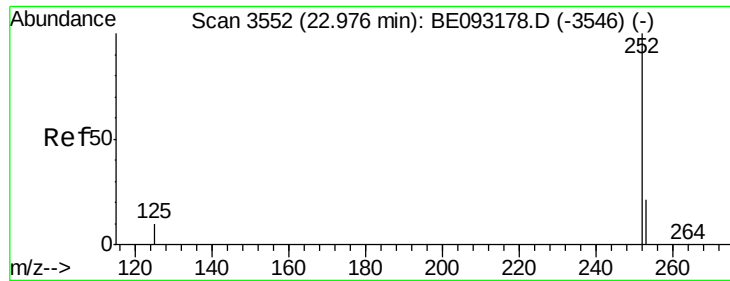
Delta R.T. 0.01 min

Lab File: BE093193.D

Acq: 15 Jun 2017 5:36

Tgt Ion:	252	Resp:	477076
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	64.2
125	14.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.309 ng/ul m

RT: 22.98 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BE093193.D

Acq: 15 Jun 2017 5:36

Instrument :

BNA_E

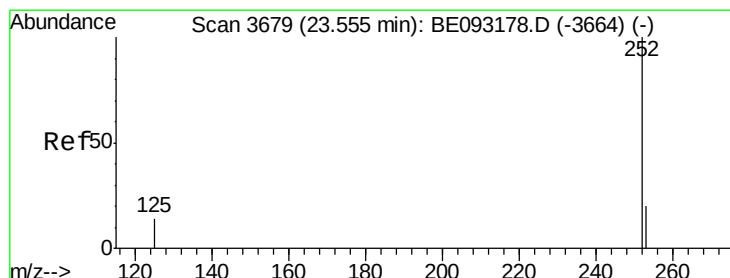
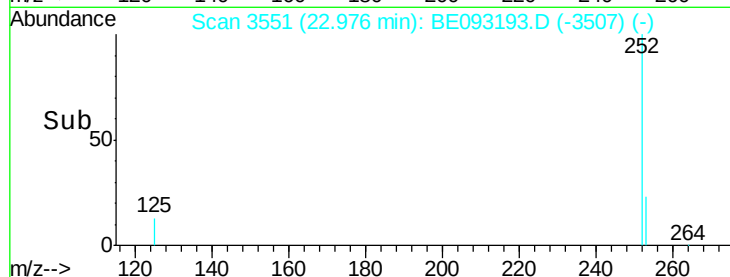
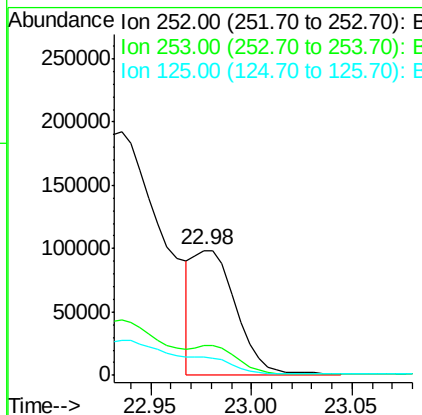
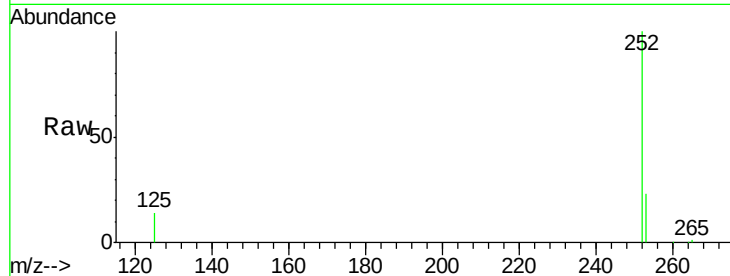
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	14.4	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 4.025 ng/ul m

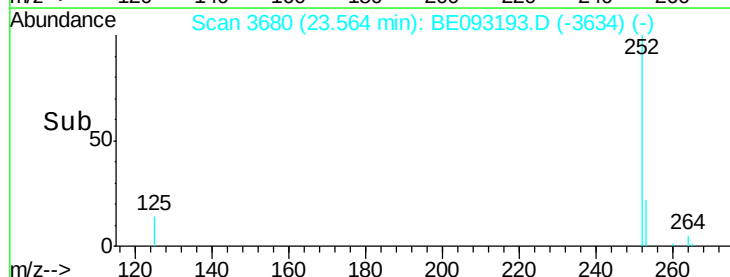
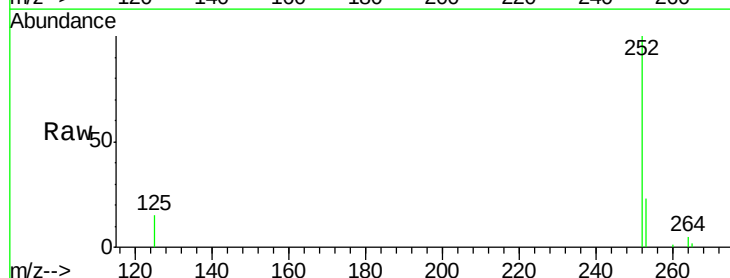
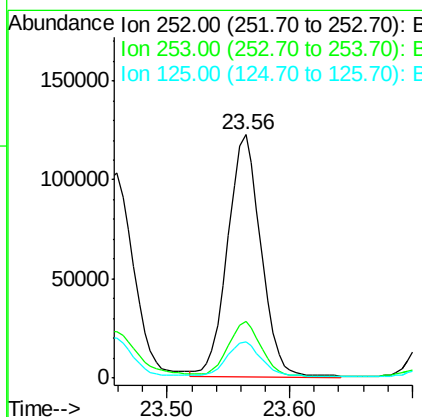
RT: 23.56 min Scan# 3680

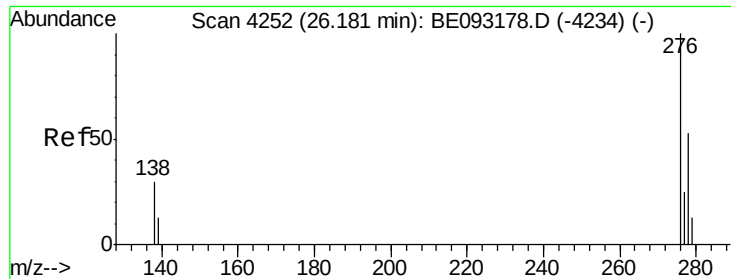
Delta R.T. 0.01 min

Lab File: BE093193.D

Acq: 15 Jun 2017 5:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	15.0	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.198 ng/ul m

RT: 26.19 min Scan# 4252

Delta R.T. 0.00 min

Lab File: BE093193.D

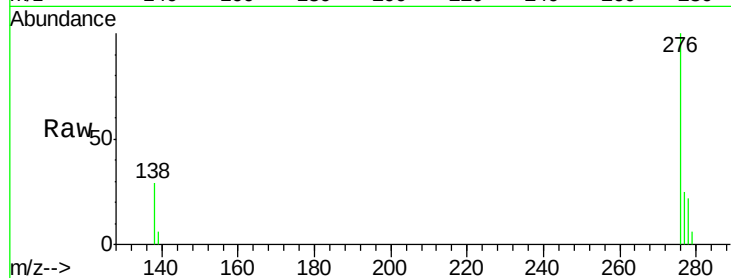
Acq: 15 Jun 2017 5:36

Instrument :

BNA_E

ClientSampleId :

F5B88



Tgt Ion: 276 Resp: 147075

Ion Ratio Lower Upper

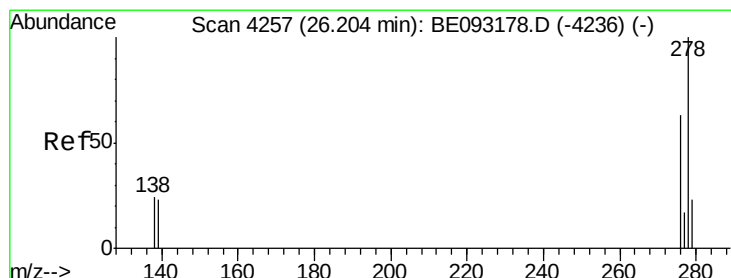
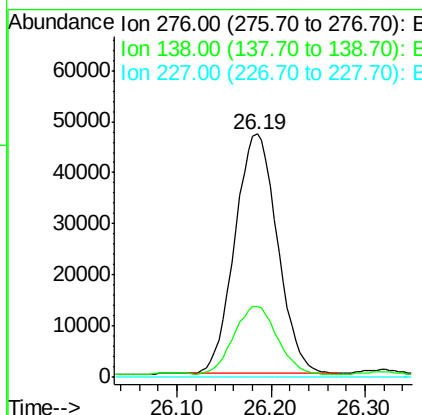
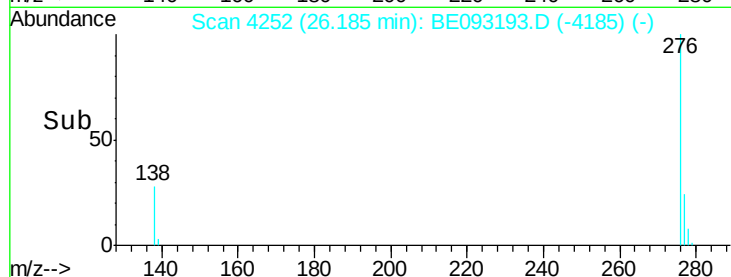
276 100

138 3.2 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:11 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.718 ng/ul m

RT: 26.20 min Scan# 4255

Delta R.T. -0.00 min

Lab File: BE093193.D

Acq: 15 Jun 2017 5:36

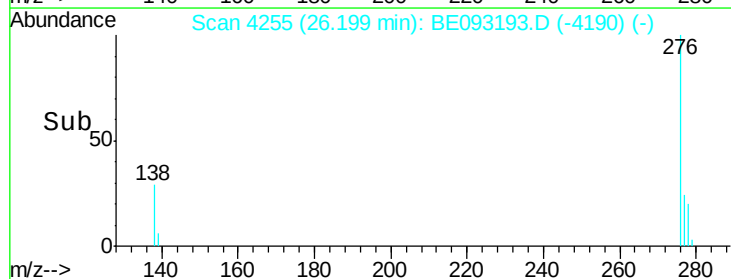
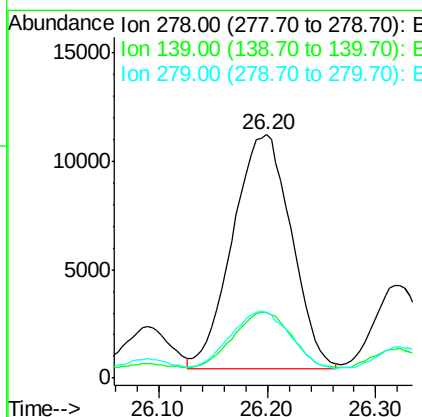
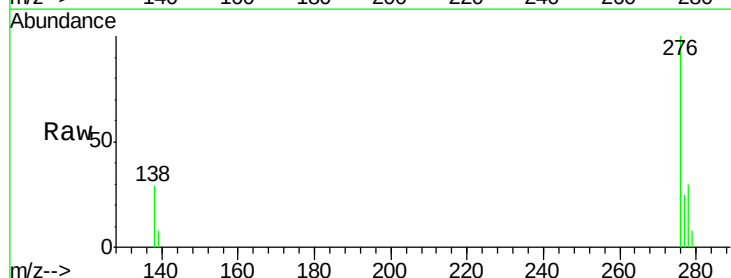
Tgt Ion: 278 Resp: 40428

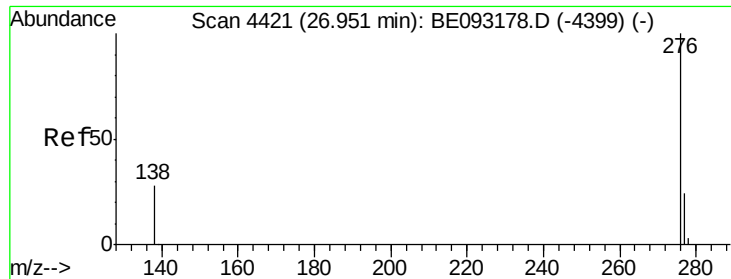
Ion Ratio Lower Upper

278 100

139 26.9 17.4 26.0#

279 27.0 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 2.046 ng/ul

RT: 26.96 min Scan# 4422

Delta R.T. 0.01 min

Lab File: BE093193.D

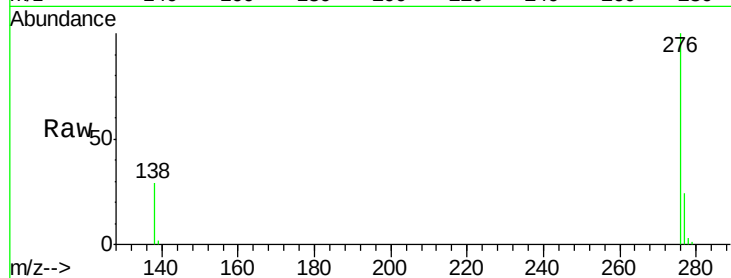
Acq: 15 Jun 2017 5:36

Instrument :

BNA_E

ClientSampleId :

F5B88



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	29.4	21.8	32.8	
277	24.0	20.5	30.7	

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:11 PM

