

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093179.D
 Acq On : 14 Jun 2017 21:00
 Operator : SJ/MA
 Sample : I3558-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C61

Manual Integrations
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mohammad
 6/15/2017 3:53:29 PM

Quant Time: Jun 15 04:12:12 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	4303	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	22178	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	13685	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	32803	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	33950	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	34412	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4706	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13077	0.15	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	79030	1.436	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	15774	0.419	ng/ul	98
7) Acenaphthylene	14.08	152	14803	0.252	ng/ul	97
8) Acenaphthene	14.43	153	22835	0.482	ng/ul	98
9) Fluorene	15.42	166	15241	0.274	ng/ul	91
12) Phenanthrene	17.14	178	120484	1.335	ng/ul#	87
13) Anthracene	17.22	178	43239	0.550	ng/ul#	87
15) Fluoranthene	19.15	202	187529	1.694	ng/ul	84
17) Pyrene	19.51	202	166263	1.661	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	80295	0.887	ng/ul#	85
19) Chrysene	21.29	228	121536	1.294	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	316247m	3.028	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	92018m	0.830	ng/ul	
23) Benzo(a)pyrene	23.56	252	156522	1.585	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.18	276	170397	1.490	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	41468	0.431	ng/ul#	92
26) Benzo(g,h,i)perylene	26.96	276	154344	1.574	ng/ul	97

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

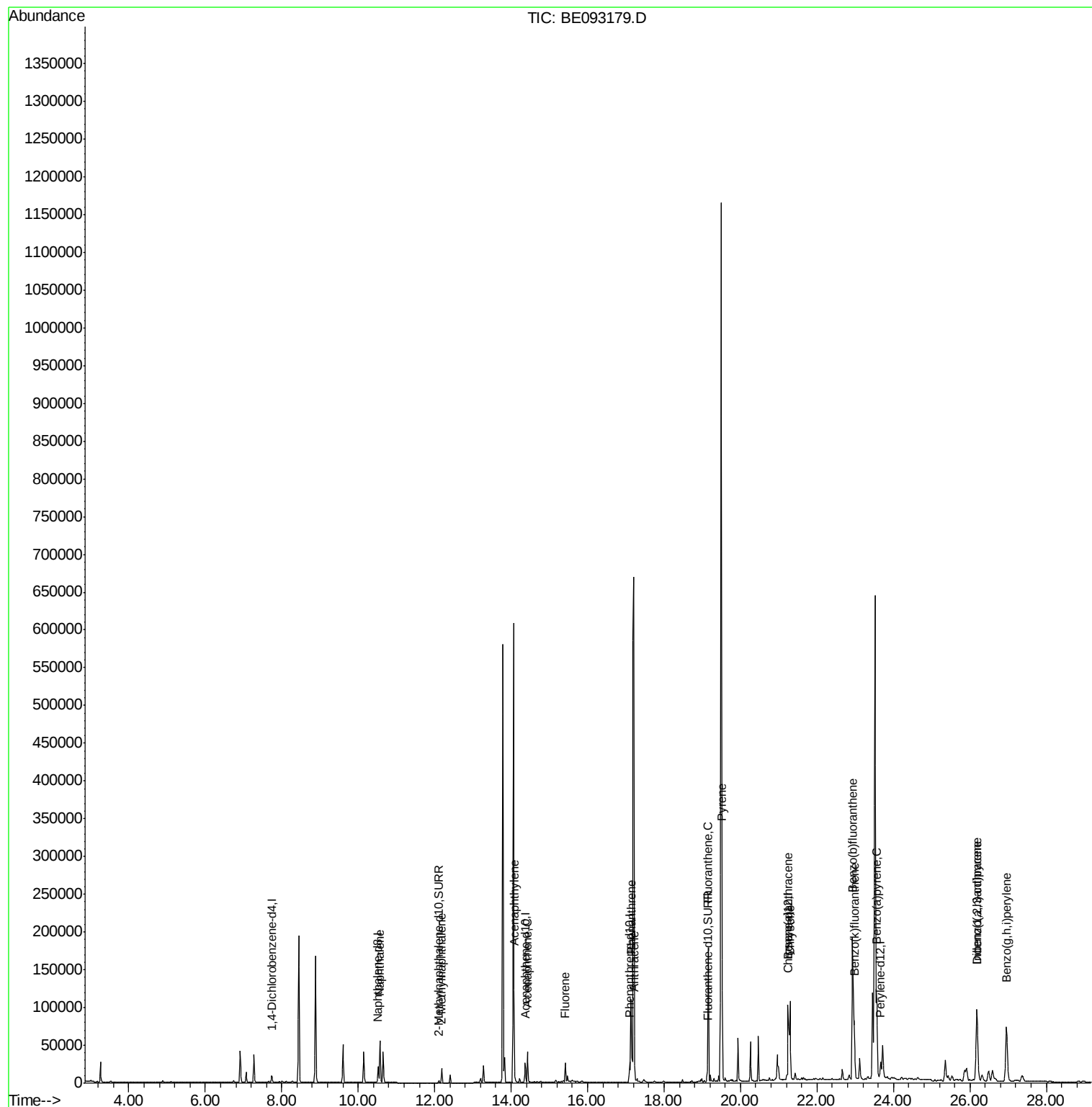
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
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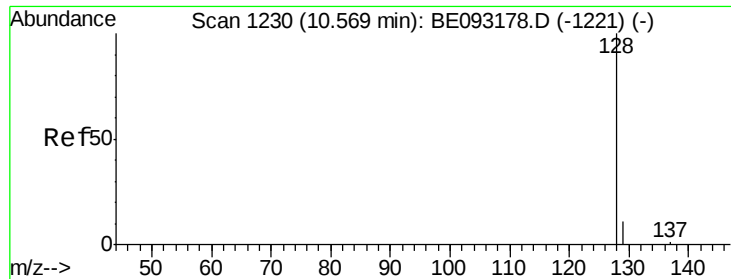
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 1.436 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Instrument :

BNA_E

ClientSampleId :

F5C61

Tgt Ion:128 Resp: 79030

Ion Ratio Lower Upper

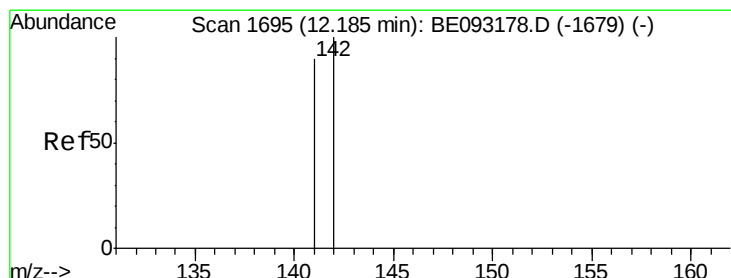
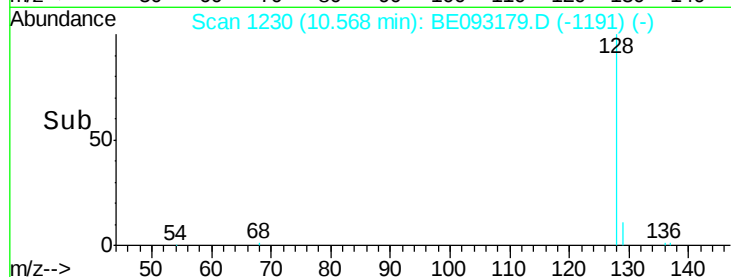
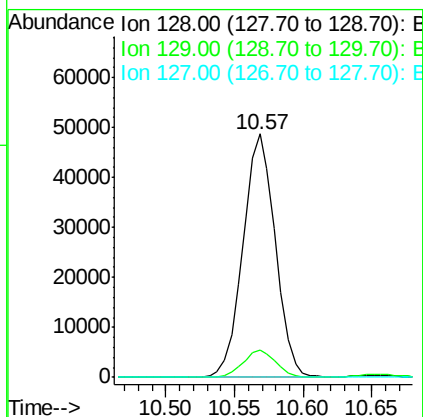
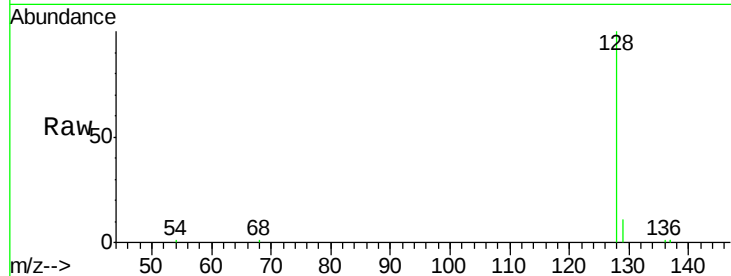
128 100

129 11.2 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.419 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE093179.D

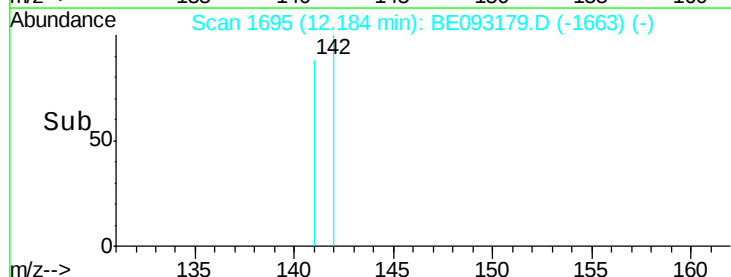
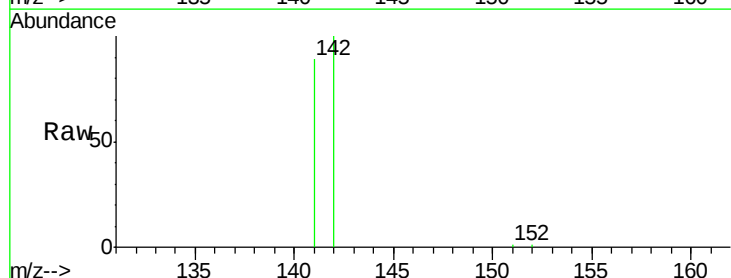
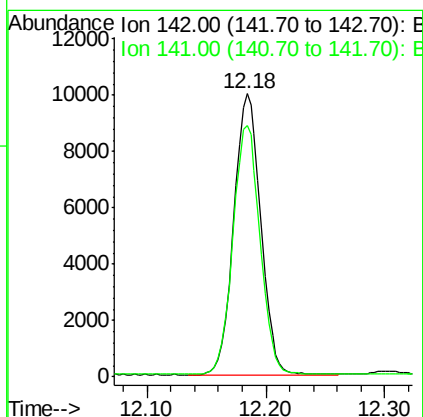
Acq: 14 Jun 2017 21:00

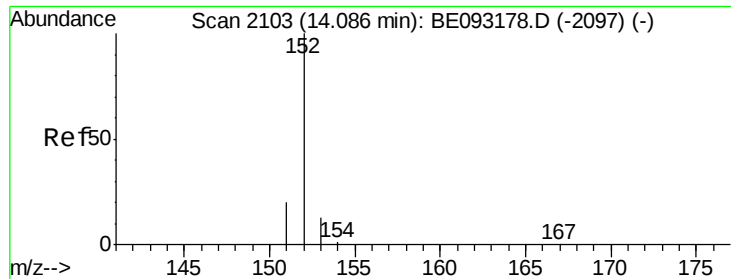
Tgt Ion:142 Resp: 15774

Ion Ratio Lower Upper

142 100

141 89.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.252 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Instrument :

BNA_E

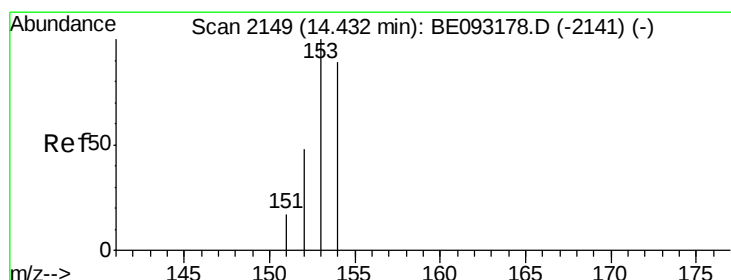
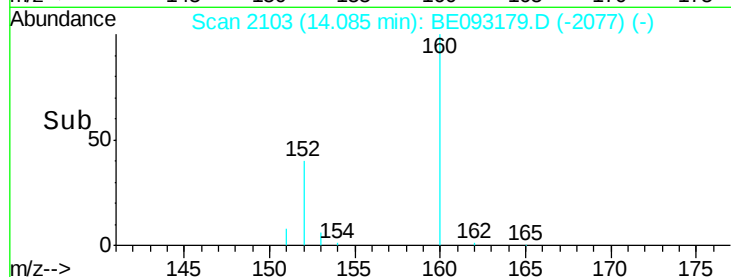
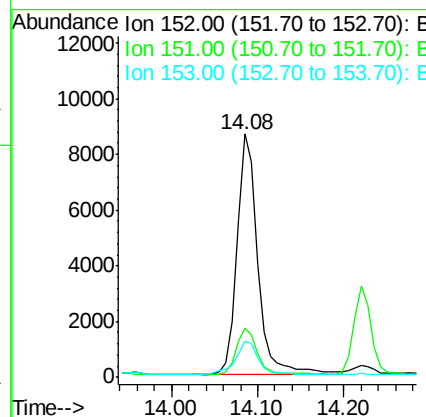
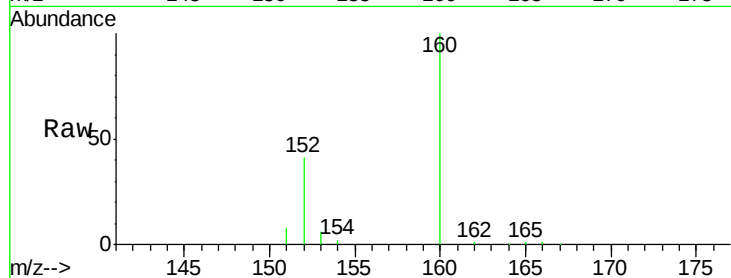
ClientSampleId :

F5C61

Tgt Ion:	152	Resp:	14803
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.1	25.7
153	14.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.482 ng/ul

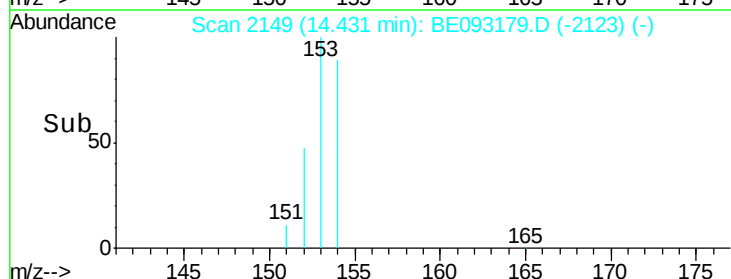
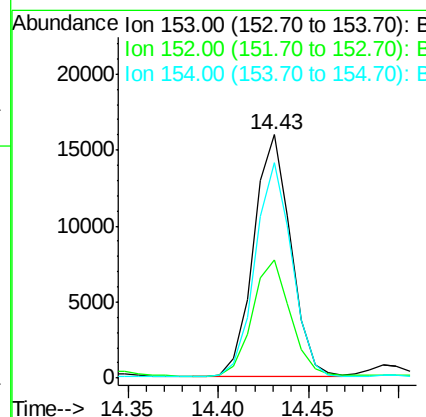
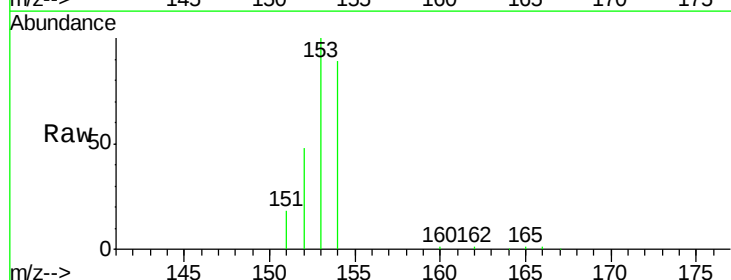
RT: 14.43 min Scan# 2149

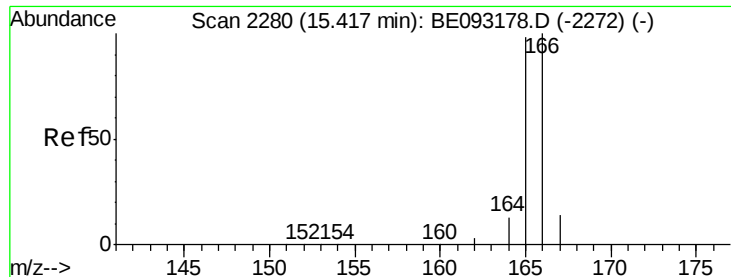
Delta R.T. -0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Tgt Ion:	153	Resp:	22835
Ion Ratio	Lower	Upper	
153	100		
152	48.4	40.3	60.5
154	88.5	71.4	107.2





#9

Fluorene

Concen: 0.274 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Instrument :

BNA_E

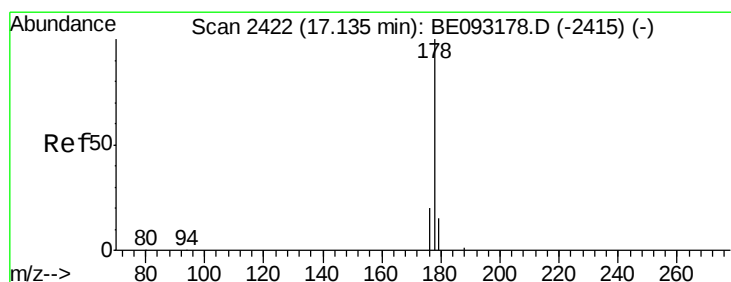
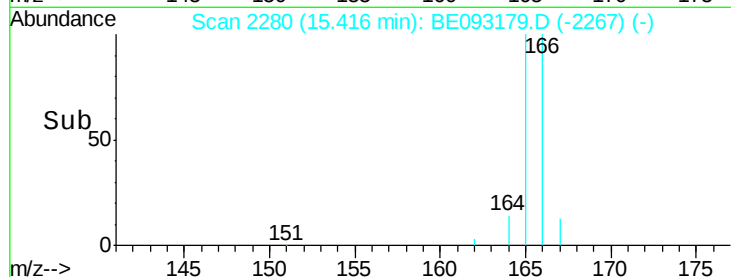
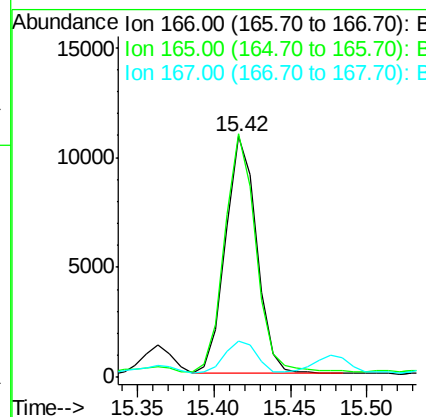
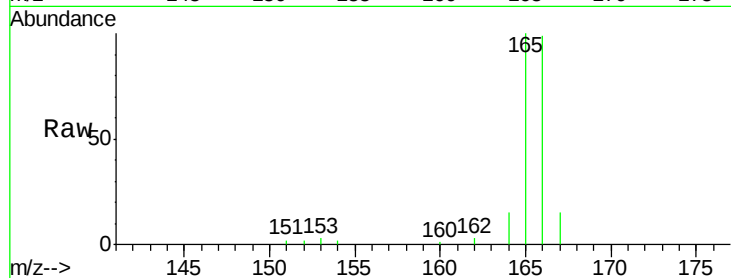
ClientSampleId :

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Tgt Ion:	166	Resp:	15241
Ion Ratio	Lower	Upper	
166	100		
165	101.1	73.4	110.2
167	15.1	14.6	22.0

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#12

Phenanthrene

Concen: 1.335 ng/ul

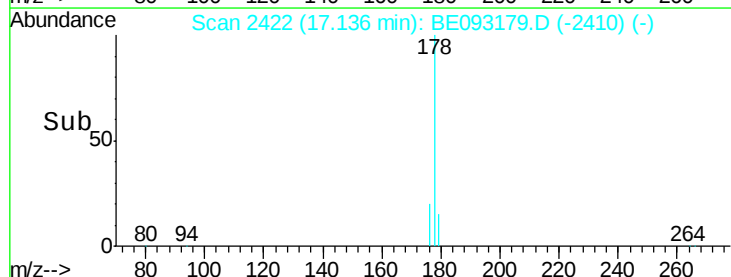
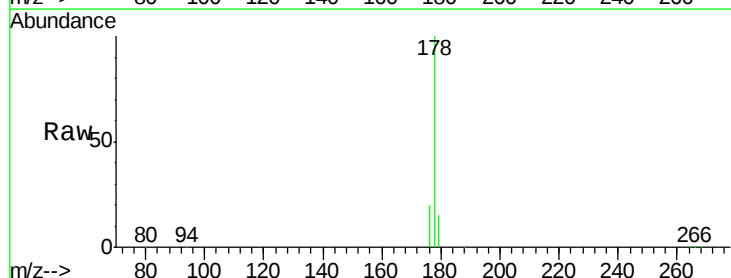
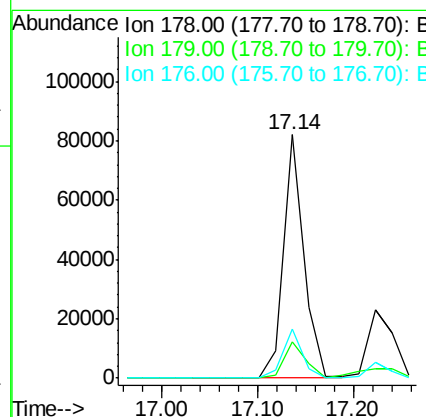
RT: 17.14 min Scan# 2422

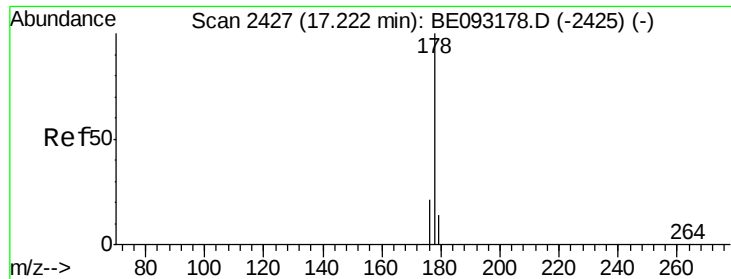
Delta R.T. 0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Tgt Ion:	178	Resp:	120484
Ion Ratio	Lower	Upper	
178	100		
179	14.8	18.4	27.6#
176	20.3	13.6	20.4





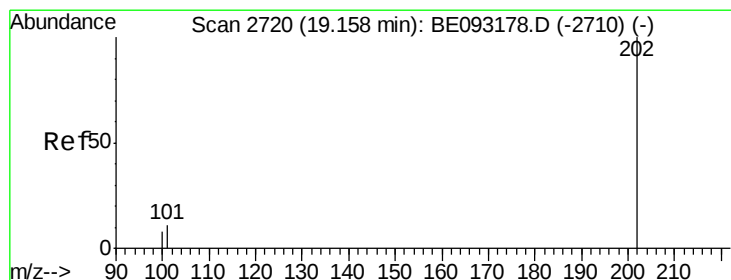
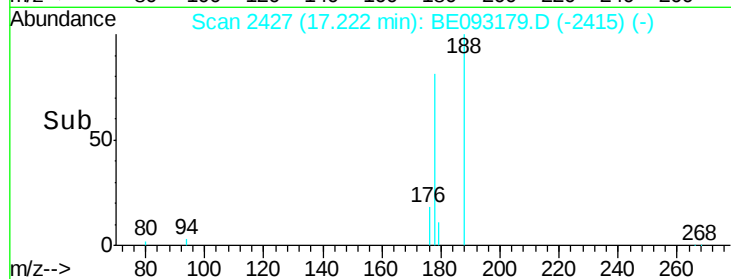
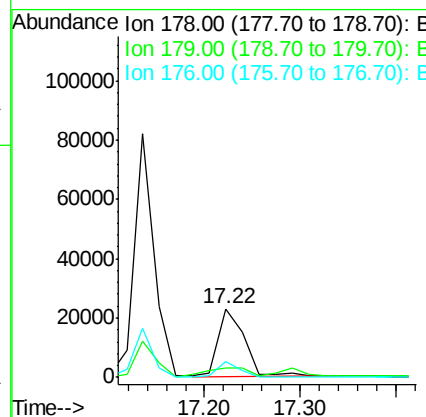
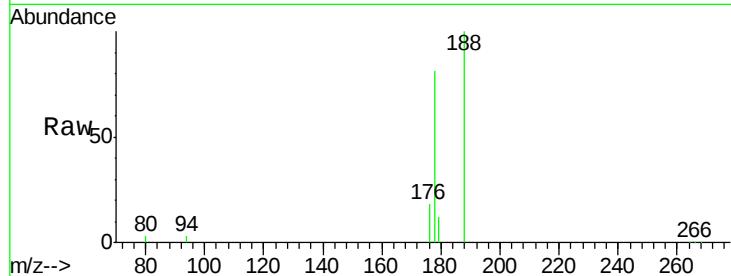
#13
 Anthracene
 Concen: 0.550 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093179.D
 Acq: 14 Jun 2017 21:00

Instrument :
 BNA_E
 ClientSampleId :
 F5C61

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.1	27.1#
176	22.1	14.7	22.1

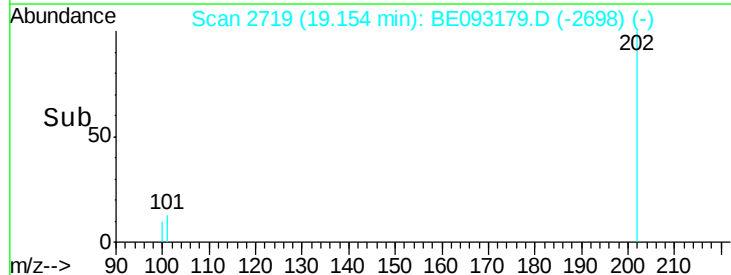
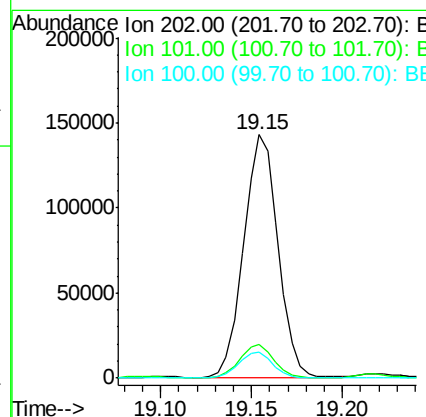
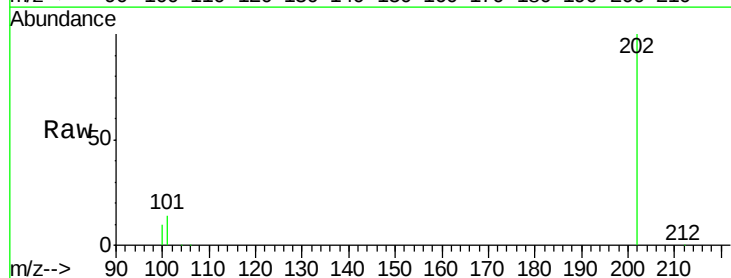
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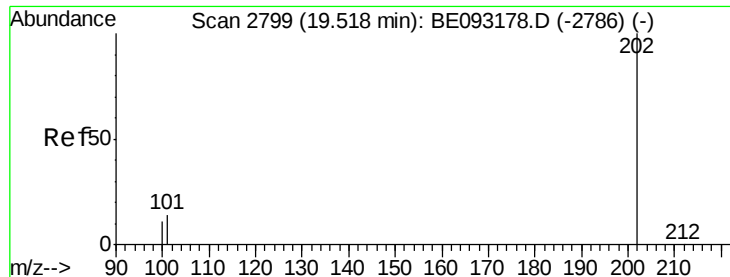
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#15
 Fluoranthene
 Concen: 1.694 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BE093179.D
 Acq: 14 Jun 2017 21:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.3
100	10.5	0.0	39.5





#17

Pyrene

Concen: 1.661 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Instrument :

BNA_E

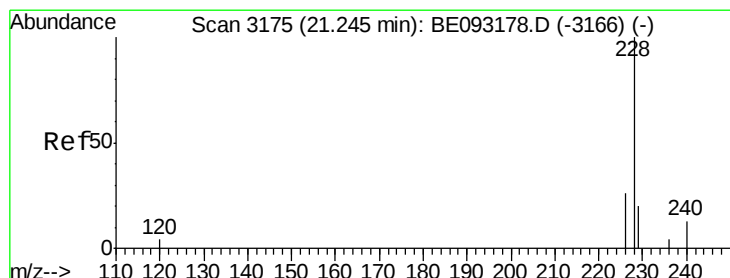
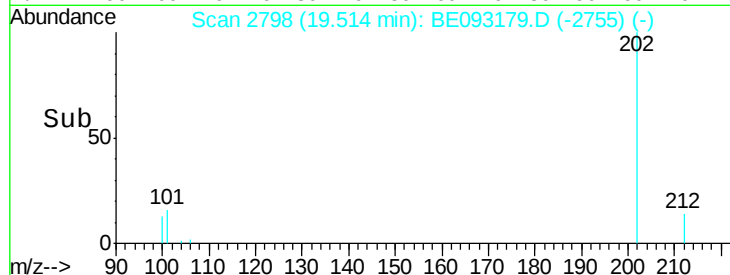
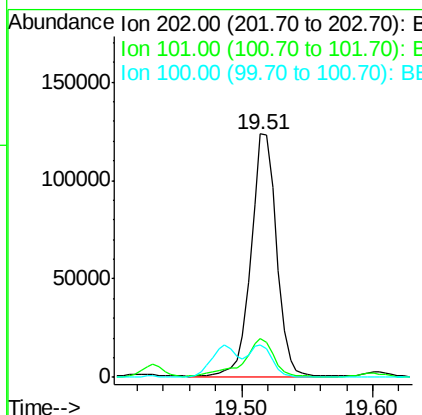
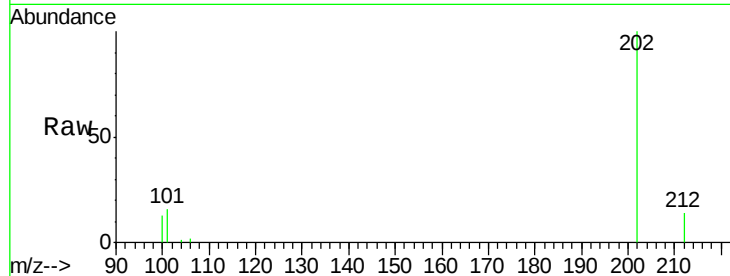
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Tgt Ion:	202	Resp:	166263
Ion Ratio	Lower	Upper	
202	100		
101	16.0	18.2	27.4#
100	13.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.887 ng/ul

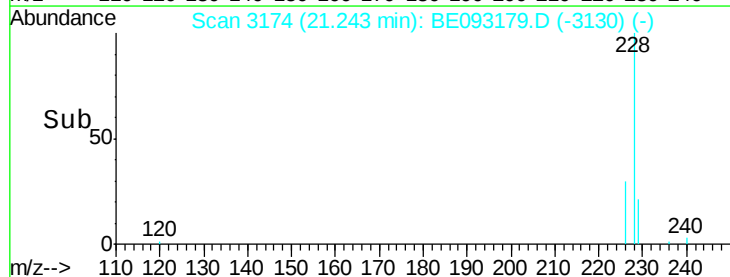
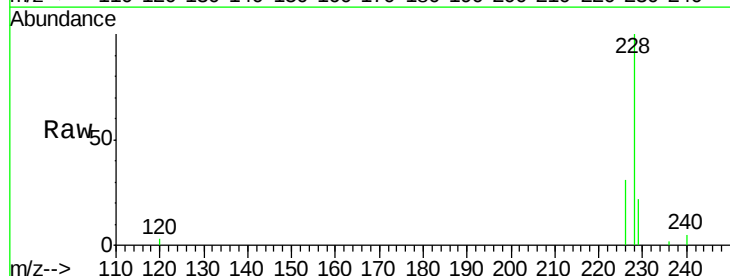
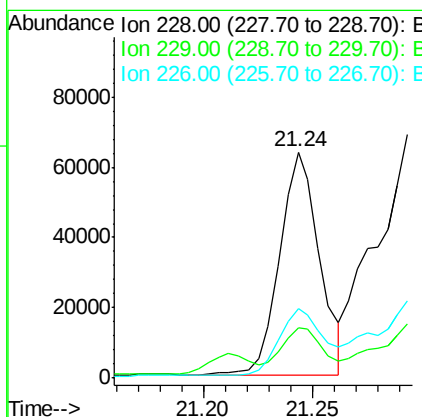
RT: 21.24 min Scan# 3174

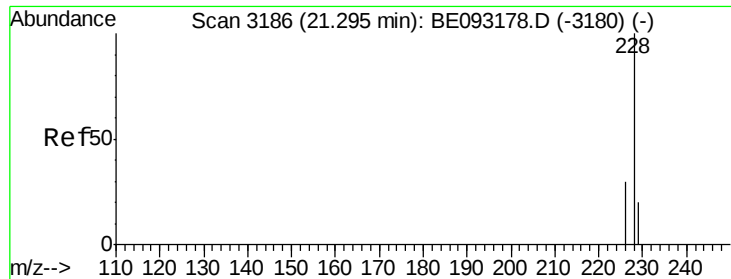
Delta R.T. -0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Tgt Ion:	228	Resp:	80295
Ion Ratio	Lower	Upper	
228	100		
229	22.4	22.8	34.2#
226	30.5	17.0	25.6#





#19

Chrysene

Concen: 1.294 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Instrument :

BNA_E

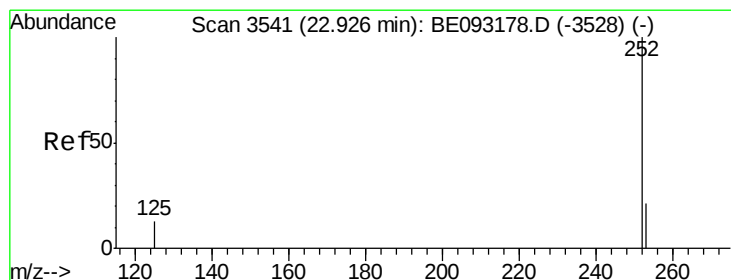
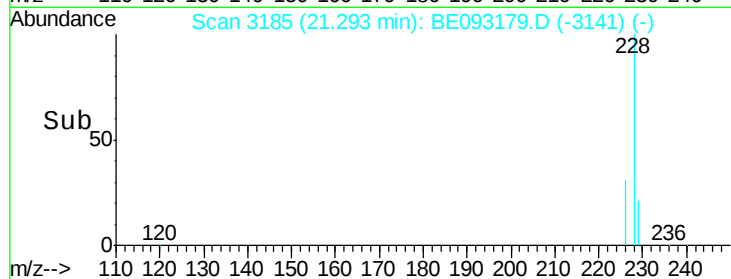
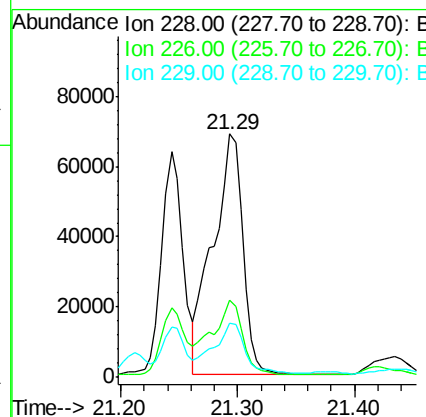
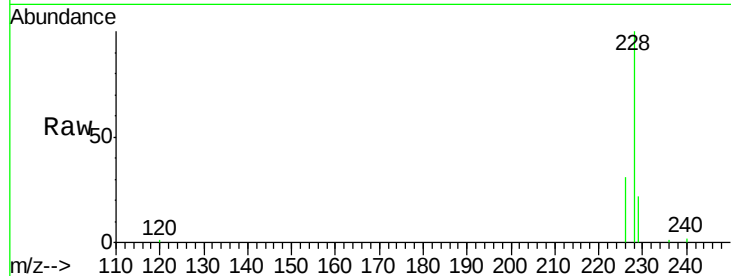
ClientSampleId :

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Tgt Ion:	228	Resp:	121536
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.028 ng/ul m

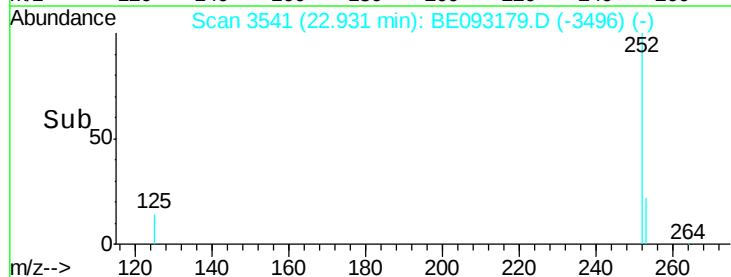
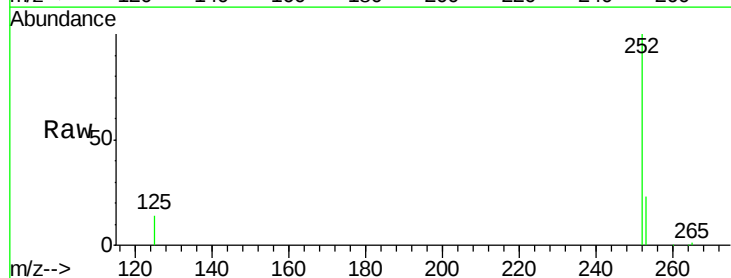
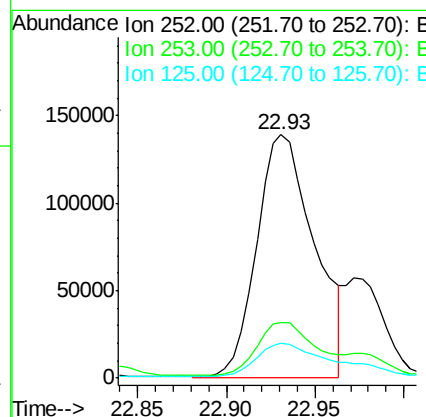
RT: 22.93 min Scan# 3541

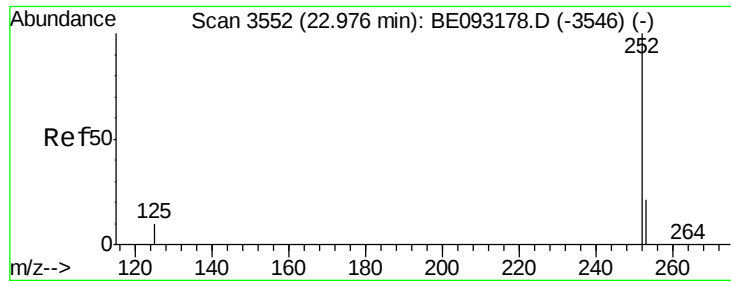
Delta R.T. 0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Tgt Ion:	252	Resp:	316247
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	14.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.830 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Instrument :

BNA_E

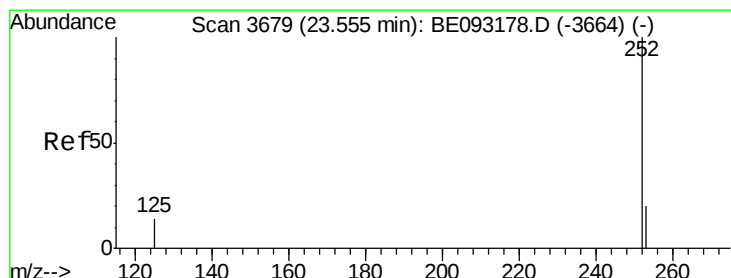
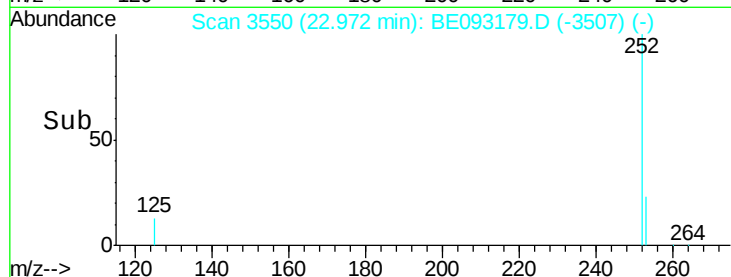
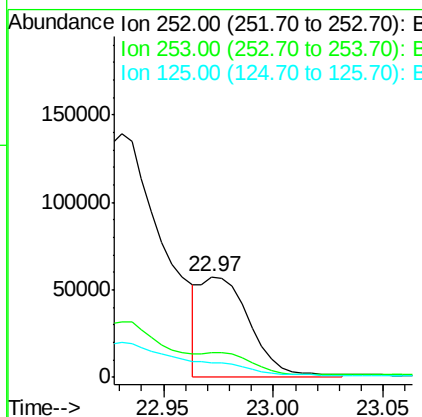
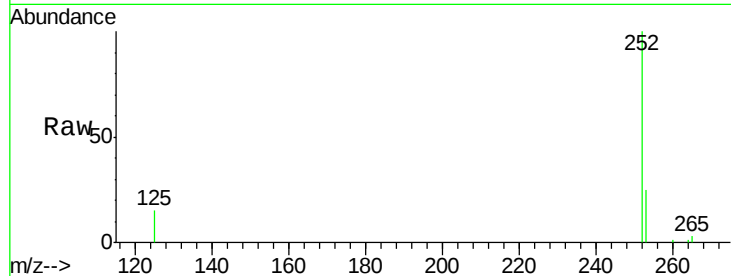
ClientSampleId :

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Tgt Ion:	252	Resp:	92018
Ion Ratio	Lower	Upper	
252	100		
253	25.0	24.5	36.7
125	15.0	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.585 ng/ul

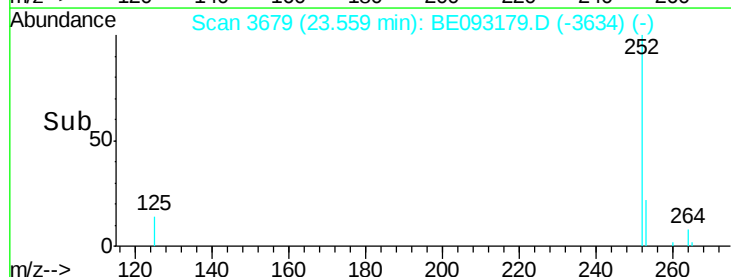
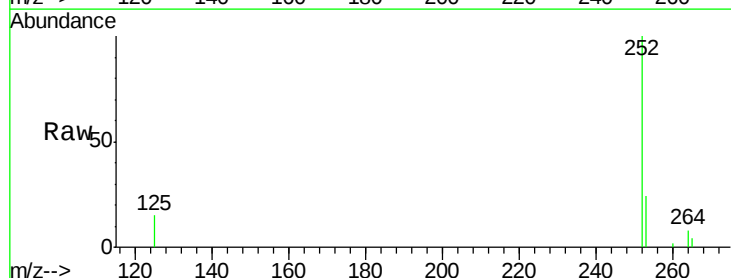
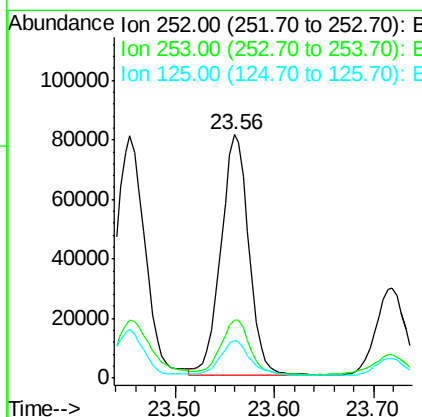
RT: 23.56 min Scan# 3679

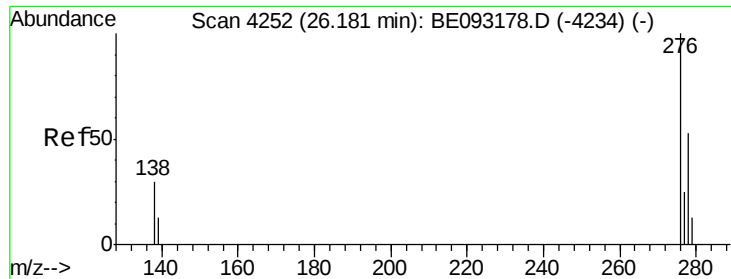
Delta R.T. 0.00 min

Lab File: BE093179.D

Acq: 14 Jun 2017 21:00

Tgt Ion:	252	Resp:	156522
Ion Ratio	Lower	Upper	
252	100		
253	23.7	28.5	42.7#
125	15.3	18.1	27.1#





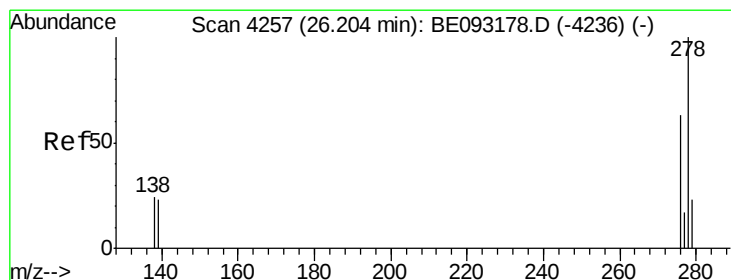
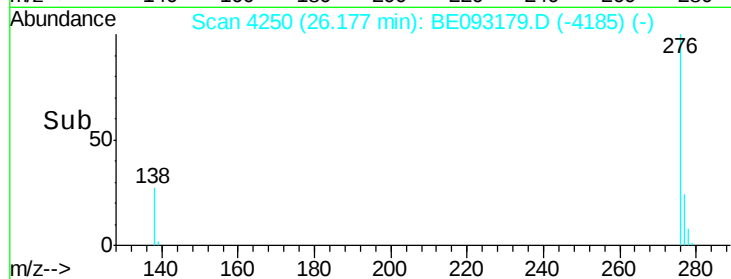
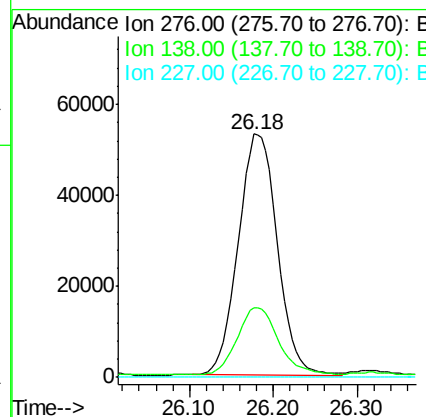
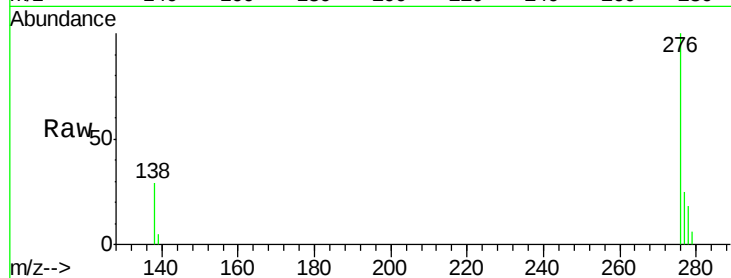
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.490 ng/u1
 RT: 26.18 min Scan# 4250
 Delta R.T. -0.00 min
 Lab File: BE093179.D
 Acq: 14 Jun 2017 21:00

Instrument :
 BNA_E
 ClientSampleId :
 F5C61

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.3	28.0	42.0
227	0.0	8.0	12.0

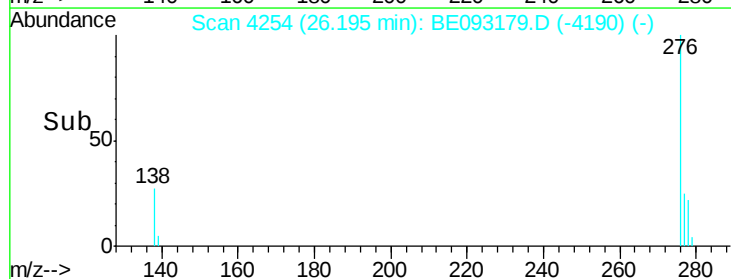
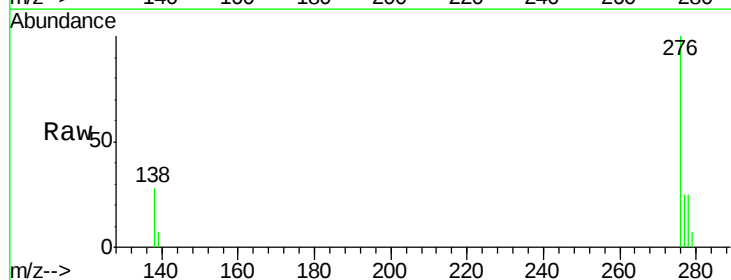
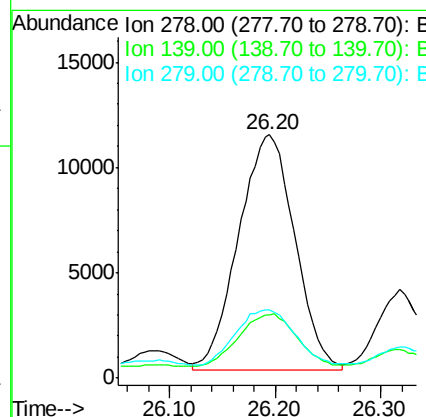
Manual Integrations
 APPROVED

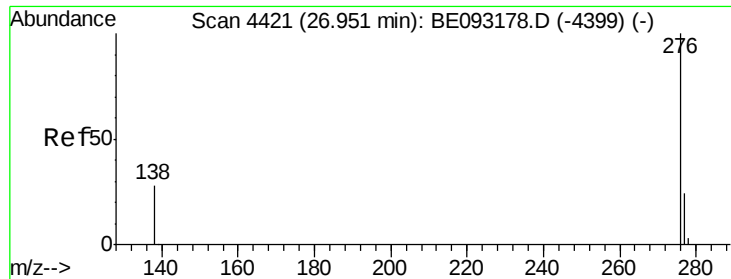
mohammad
 6/15/2017 3:53:29 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.431 ng/u1
 RT: 26.20 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093179.D
 Acq: 14 Jun 2017 21:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	26.1	17.4	26.0
279	28.0	25.9	38.9





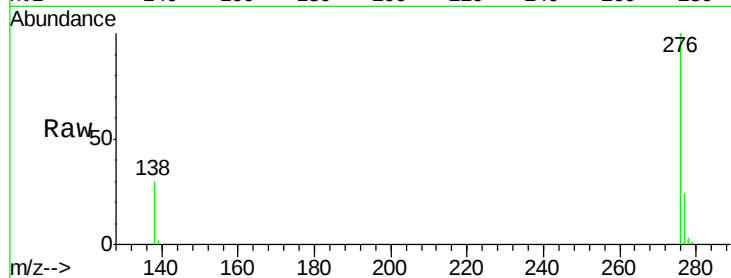
#26
 Benzo(g,h,i)perylene
 Concen: 1.574 ng/ul
 RT: 26.96 min Scan# 4421
 Delta R.T. 0.01 min
 Lab File: BE093179.D
 Acq: 14 Jun 2017 21:00

Instrument :
 BNA_E
 ClientSampleId :
 F5C61

Tgt	Ion	276	Resp:	154344
Ion	Ratio	Lower	Upper	
276	100			
138	29.6	21.8	32.8	
277	24.4	20.5	30.7	

Manual Integrations
 APPROVED

mohammad
 6/15/2017 3:53:29 PM



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

