

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093342.D
 Acq On : 23 Jun 2017 18:20
 Operator : SJ/JU
 Sample : I3653-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C53

Manual Integrations
 APPROVED

mohammad
 6/29/2017 8:33:06 AM

Quant Time: Jun 24 04:34:39 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 24 04:29:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1530	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8184	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5361	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12459	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12599	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	9894m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	2630	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	7583	0.22	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.56	128	465160	22.908	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	77770	5.601	ng/ul	99
7) Acenaphthylene	14.08	152	3704	0.161	ng/ul#	94
8) Acenaphthene	14.42	153	52604	2.834	ng/ul	97
9) Fluorene	15.42	166	59349	2.727	ng/ul#	96
12) Phenanthrene	17.14	178	413938	12.075	ng/ul#	90
13) Anthracene	17.22	178	31618	1.059	ng/ul#	91
15) Fluoranthene	19.15	202	191670	4.559	ng/ul	84
17) Pyrene	19.51	202	136519	3.674	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	37304	1.110	ng/ul#	86
19) Chrysene	21.29	228	35218	1.010	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	23750	0.791	ng/ul	88
22) Benzo(k)fluoranthene	22.97	252	9399m	0.295	ng/ul	
23) Benzo(a)pyrene	23.56	252	16991m	0.598	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.17	276	6578m	0.200	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	1924m	0.070	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	5060	0.179	ng/ul#	93

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

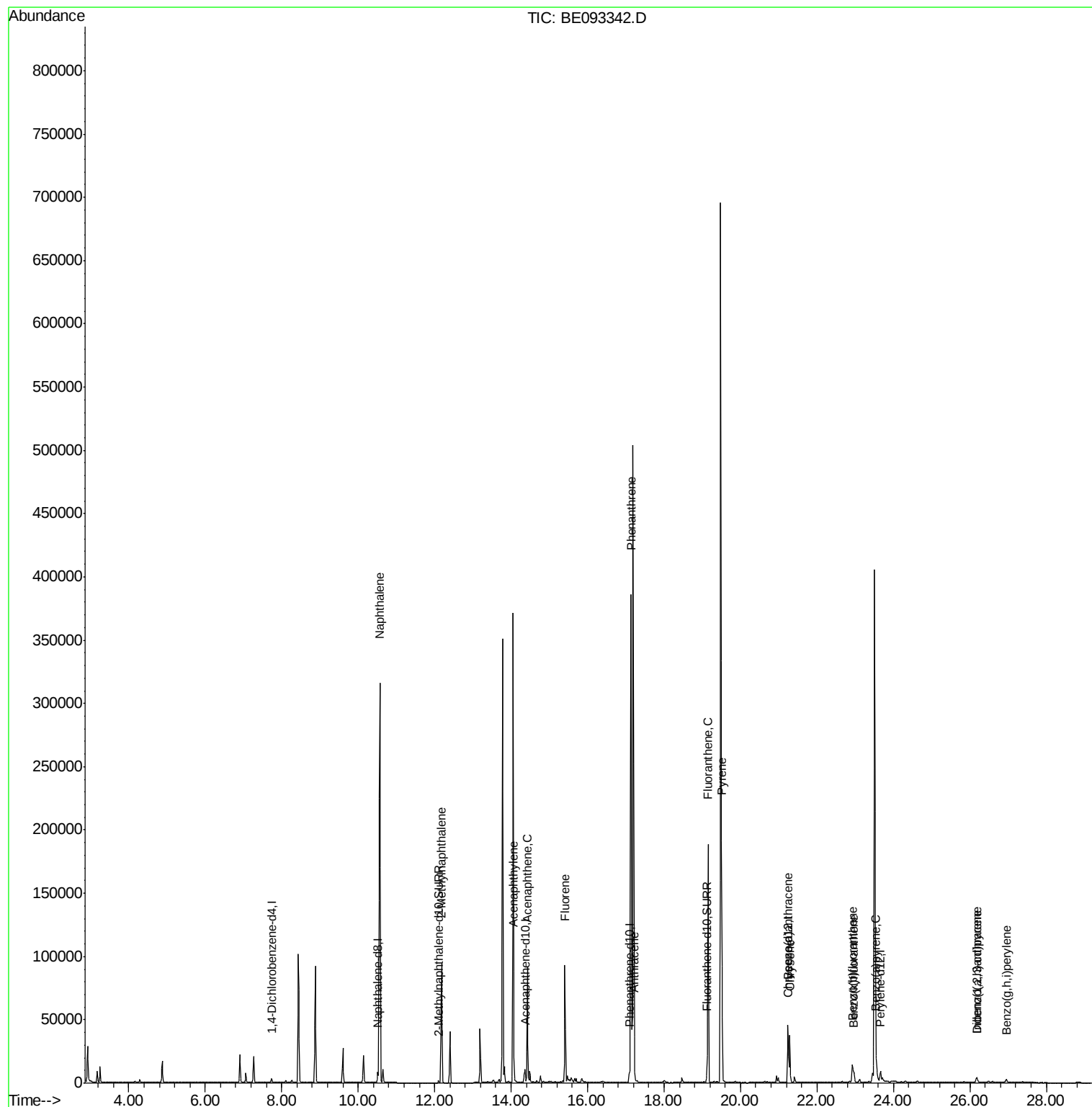
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093342.D
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ALS Vial : 9 Sample Multiplier: 1

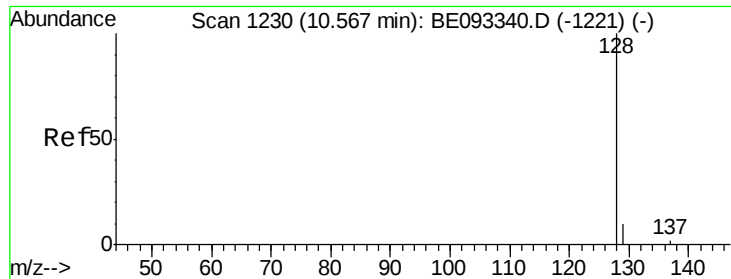
Instrument :
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F5C53

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Quant Time: Jun 24 04:34:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Sat Jun 24 04:29:07 2017
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#3

Naphthalene

Concen: 22.908 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Instrument :

BNA_E

ClientSampleId :

F5C53

Tgt Ion:128 Resp: 465160

Ion Ratio Lower Upper

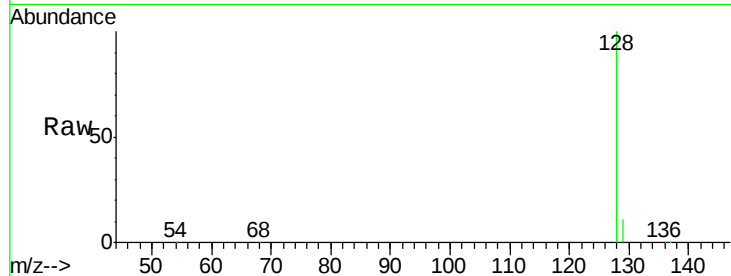
128 100

129 11.2 11.3 16.9#

127 0.0 4.0 6.0#

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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

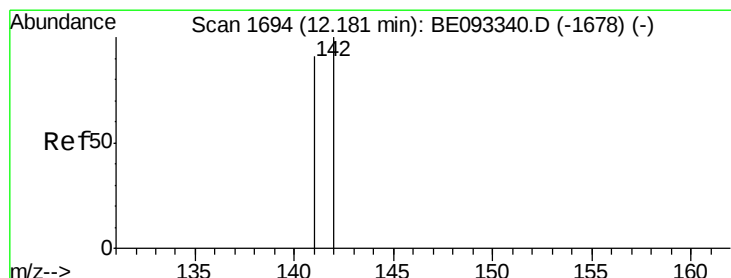
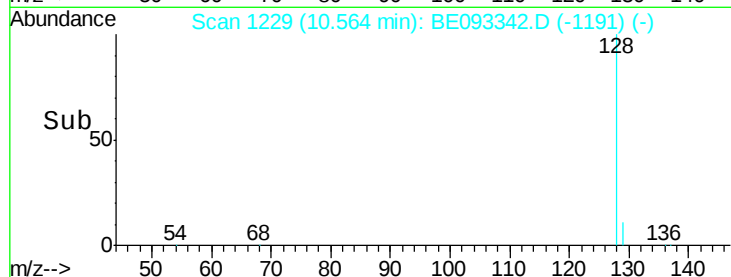
300000

200000

100000

0

Time-->



#5

2-Methylnaphthalene

Concen: 5.601 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093342.D

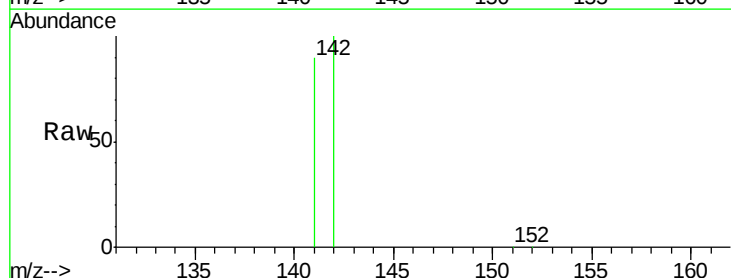
Acq: 23 Jun 2017 18:20

Tgt Ion:142 Resp: 77770

Ion Ratio Lower Upper

142 100

141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

50000

40000

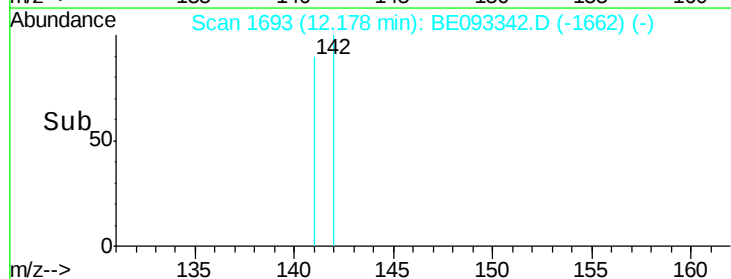
30000

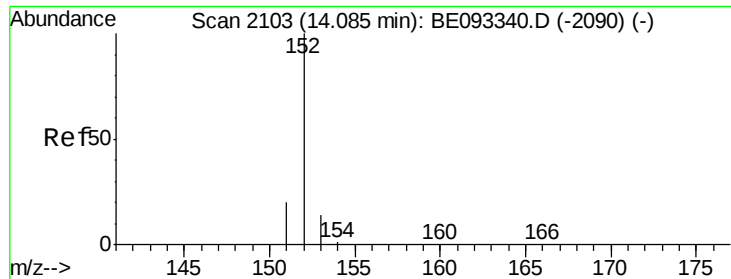
20000

10000

0

Time-->





#7

Acenaphthylene

Concen: 0.161 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Instrument :

BNA_E

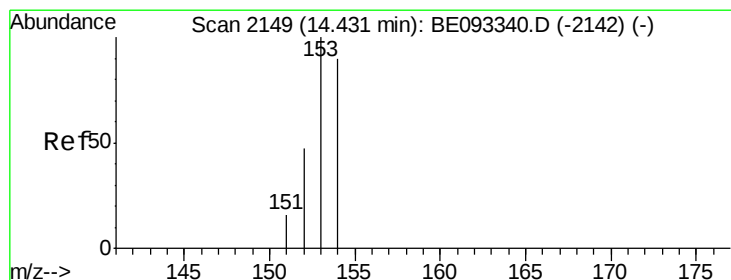
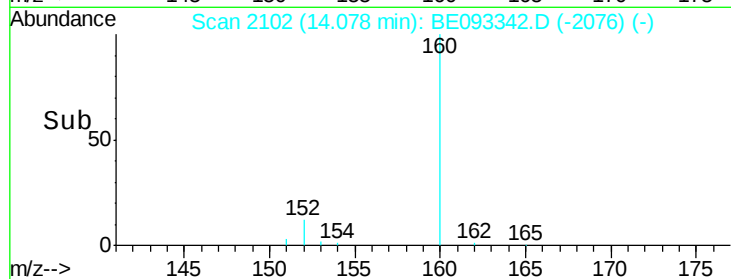
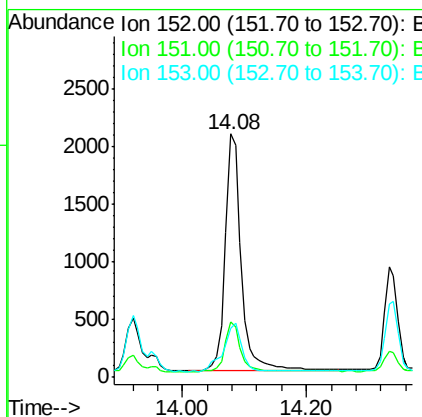
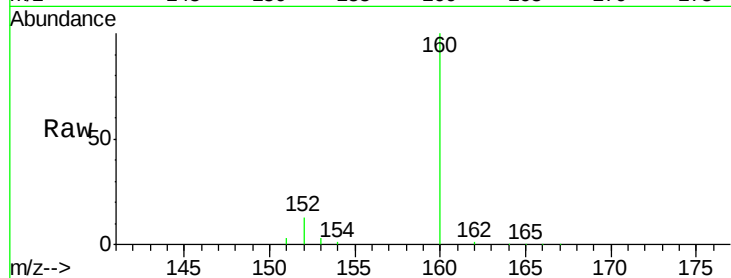
ClientSampleId :

F5C53

Tgt Ion:	152	Resp:	3704
Ion Ratio	Lower	Upper	
152	100		
151	22.8	17.1	25.7
153	20.3	12.8	19.2

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#8

Acenaphthene

Concen: 2.834 ng/ul

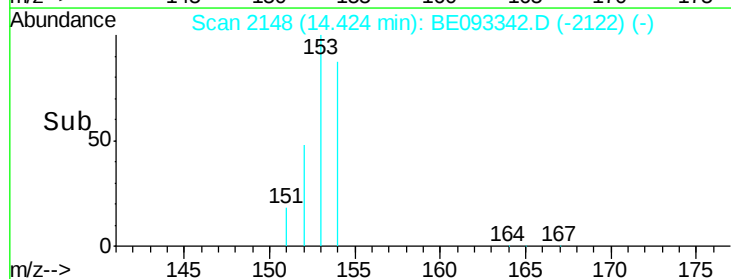
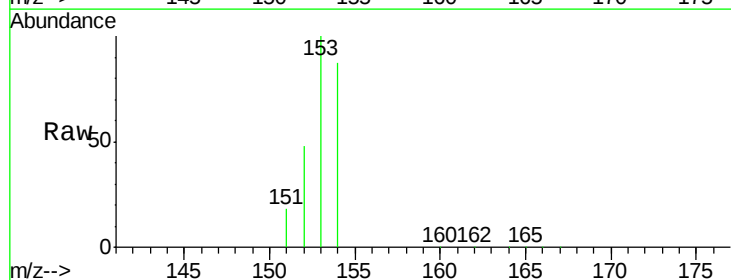
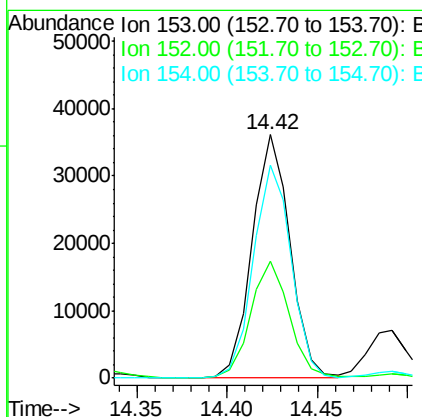
RT: 14.42 min Scan# 2148

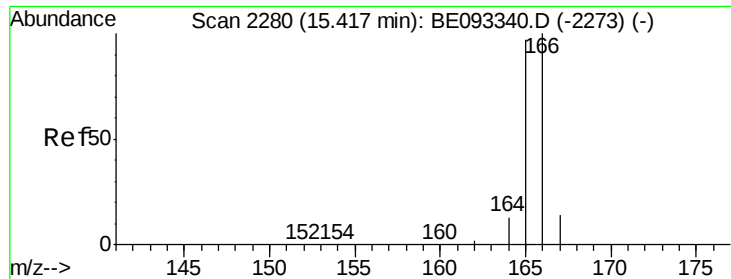
Delta R.T. -0.01 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Tgt Ion:	153	Resp:	52604
Ion Ratio	Lower	Upper	
153	100		
152	48.0	40.3	60.5
154	87.3	71.4	107.2





#9

Fluorene

Concen: 2.727 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Instrument :

BNA_E

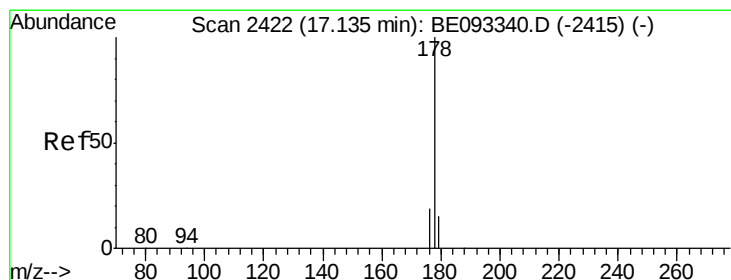
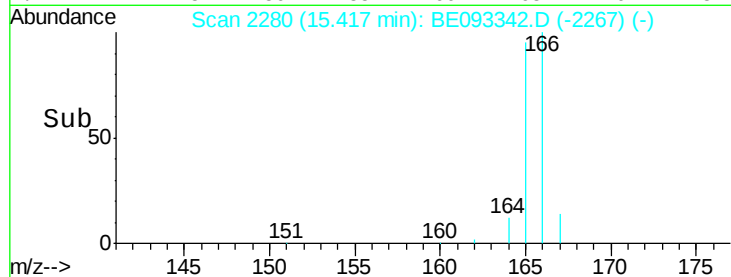
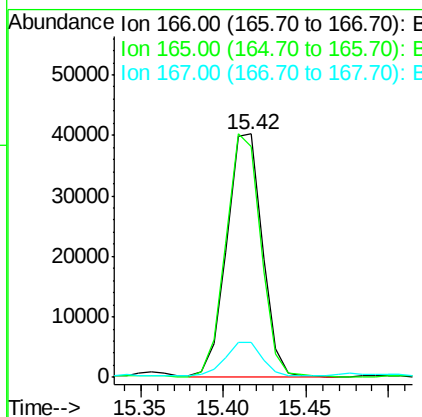
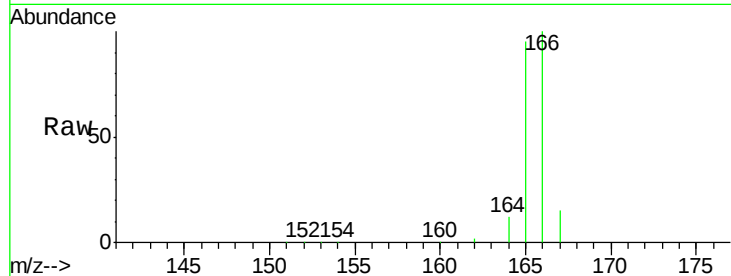
ClientSampleId :

F5C53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.0	73.4	110.2
167	14.6	14.6	22.0

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#12

Phenanthrene

Concen: 12.075 ng/ul

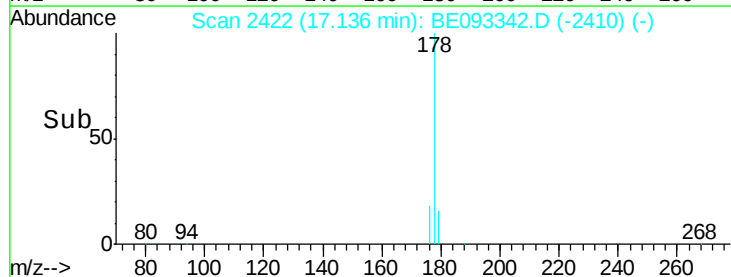
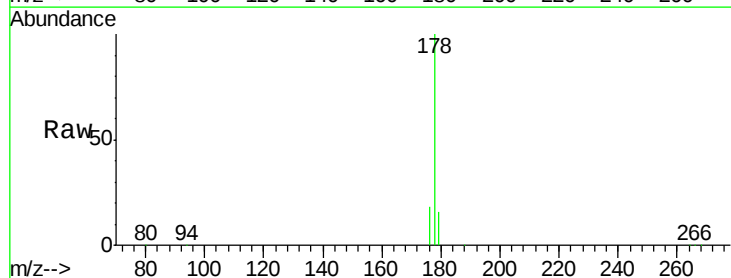
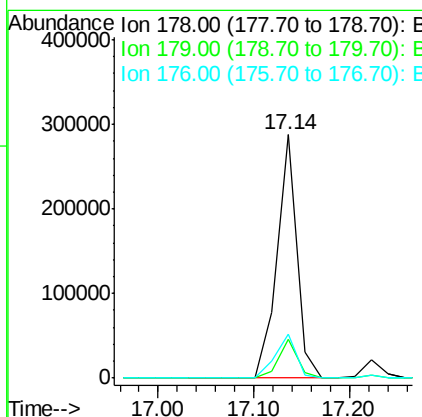
RT: 17.14 min Scan# 2422

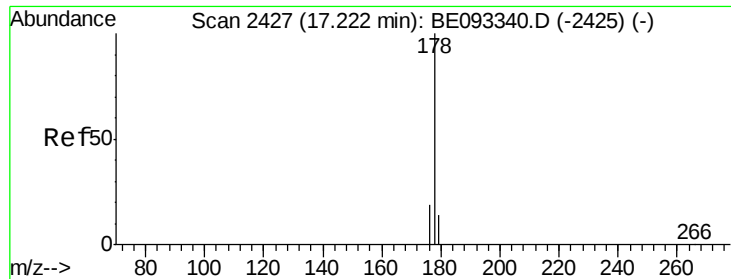
Delta R.T. 0.00 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6
176	18.2	13.6	20.4





#13

Anthracene

Concen: 1.059 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Instrument :

BNA_E

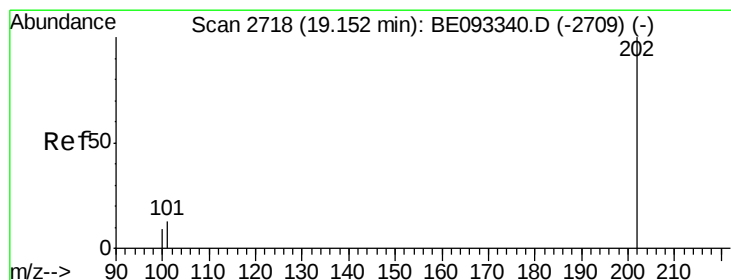
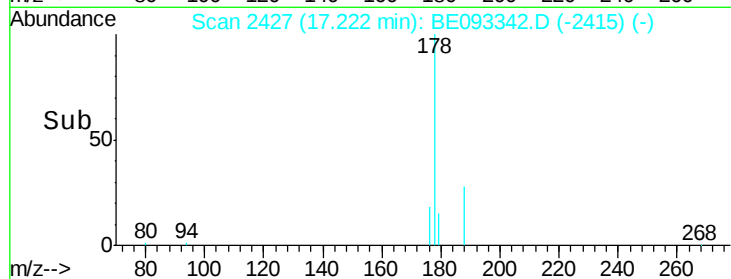
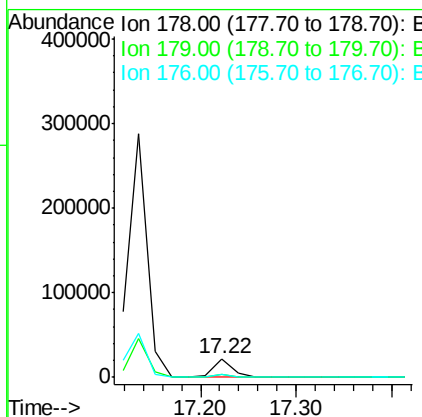
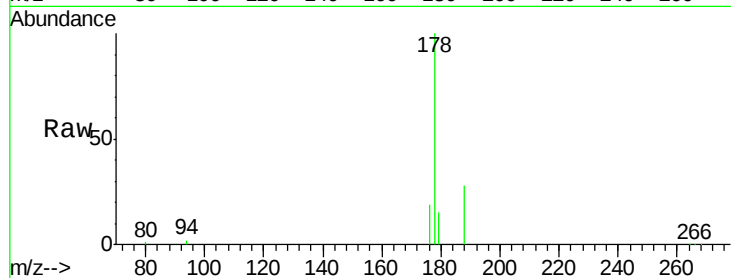
ClientSampleId :

F5C53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.1	27.1#
176	18.7	14.7	22.1

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#15

Fluoranthene

Concen: 4.559 ng/ul

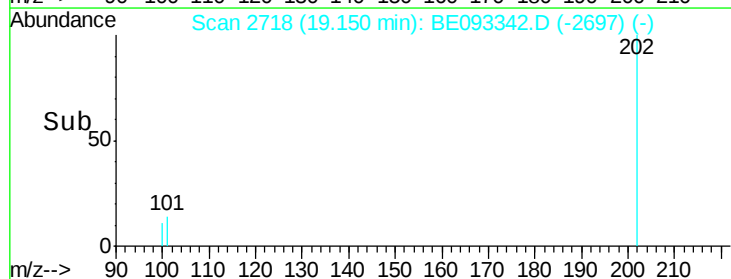
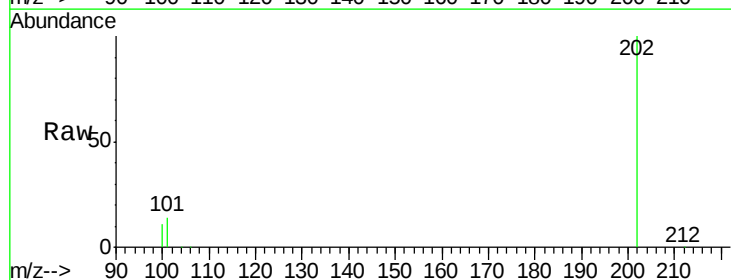
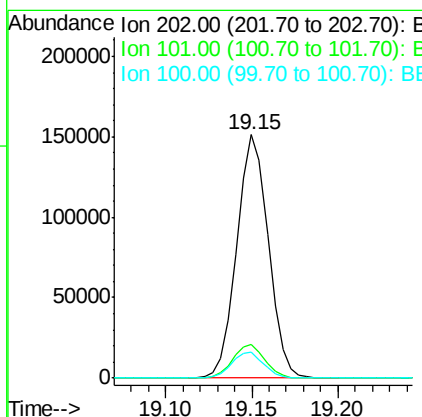
RT: 19.15 min Scan# 2718

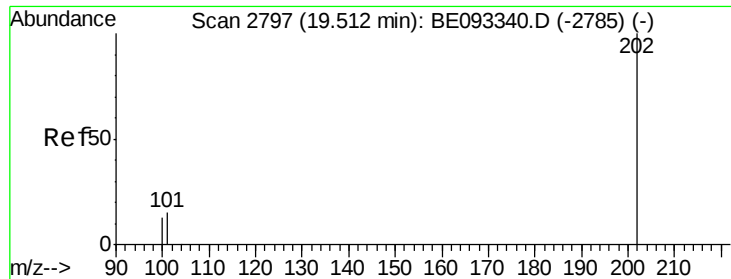
Delta R.T. -0.00 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	30.3
100	10.6	0.0	39.5





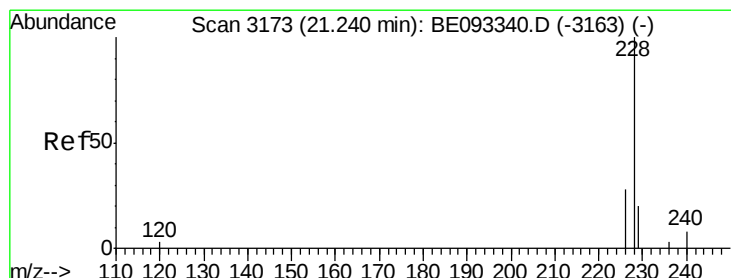
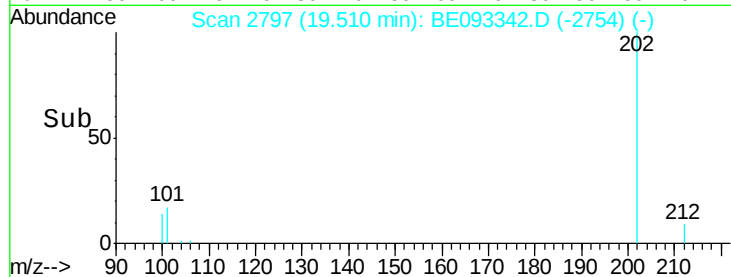
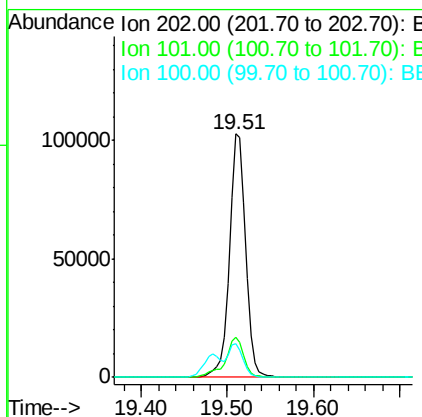
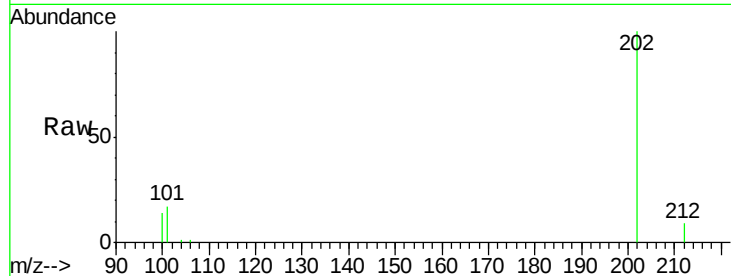
#17
 Pyrene
 Concen: 3.674 ng/ul
 RT: 19.51 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BE093342.D
 Acq: 23 Jun 2017 18:20

Instrument :
 BNA_E
 ClientSampleId :
 F5C53

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.7	18.2	27.4#
100	13.9	15.6	23.4#

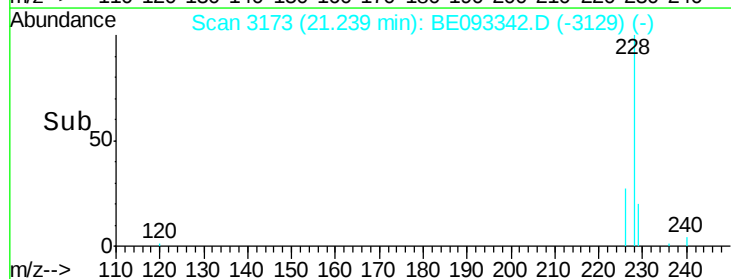
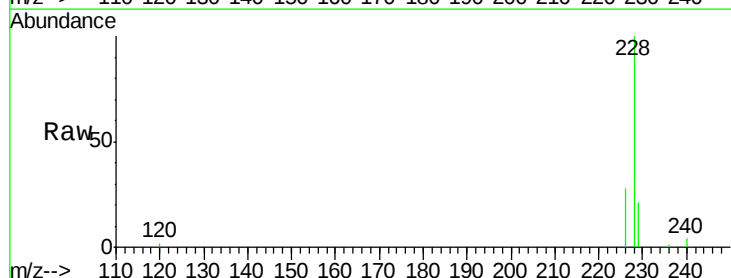
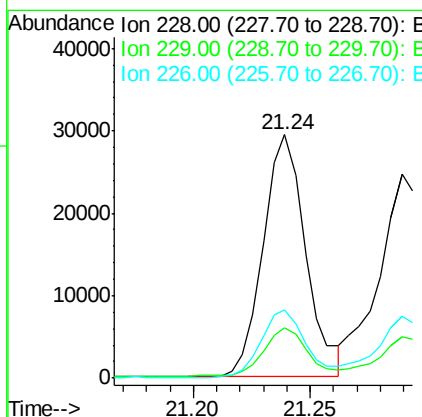
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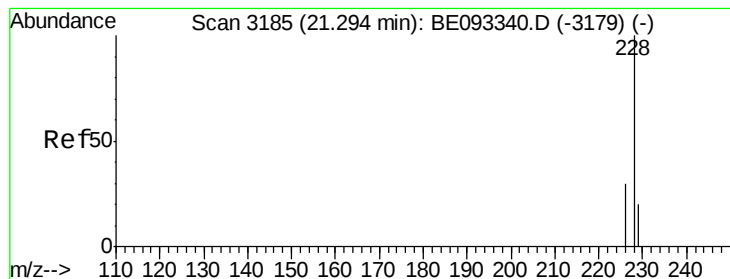
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#18
 Benzo(a)anthracene
 Concen: 1.110 ng/ul
 RT: 21.24 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BE093342.D
 Acq: 23 Jun 2017 18:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	22.8	34.2#
226	27.8	17.0	25.6#





#19

Chrysene

Concen: 1.010 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Instrument :

BNA_E

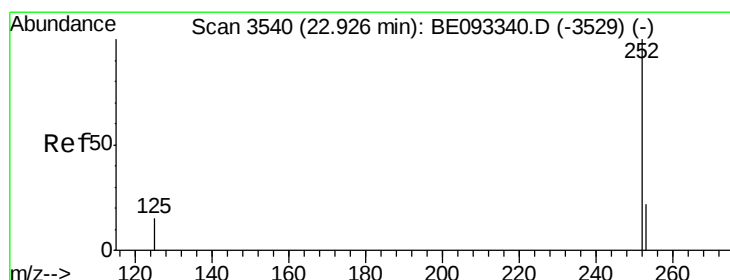
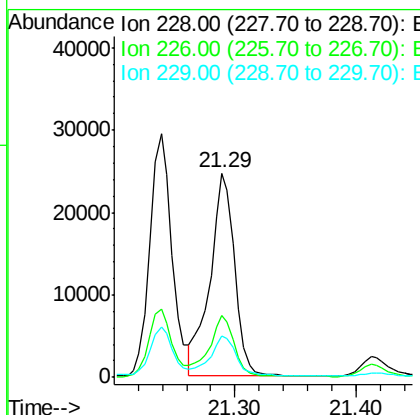
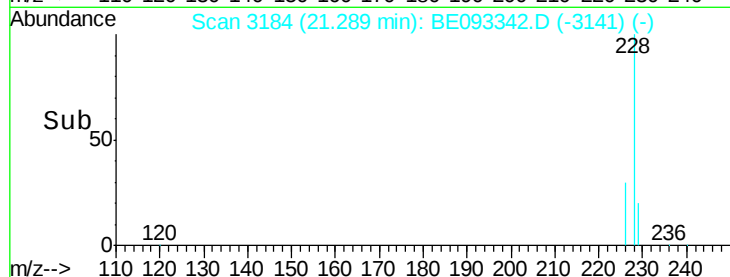
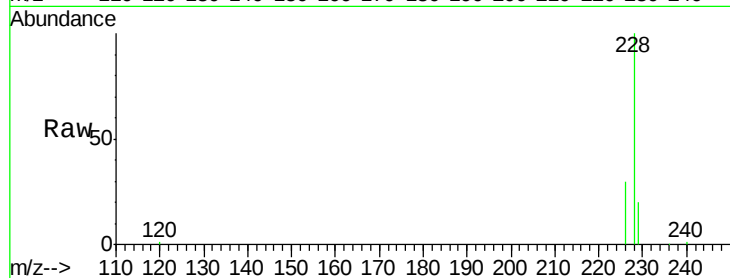
ClientSampleId :

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Tgt Ion:	228	Resp:	35218
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	20.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.791 ng/ul

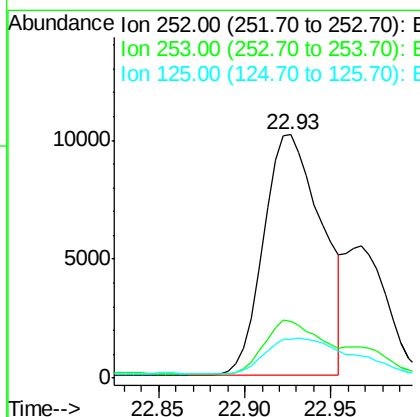
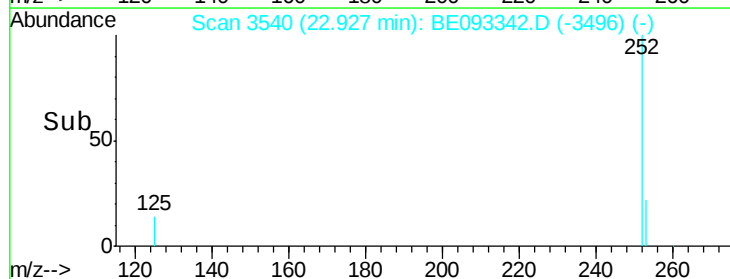
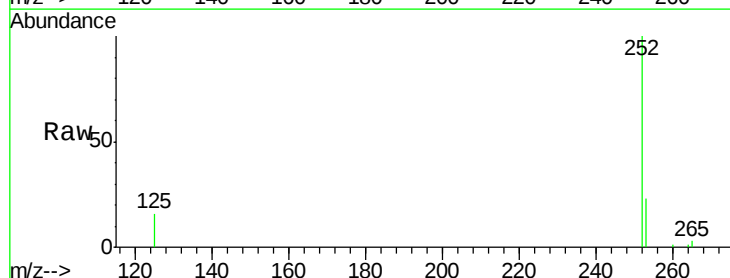
RT: 22.93 min Scan# 3540

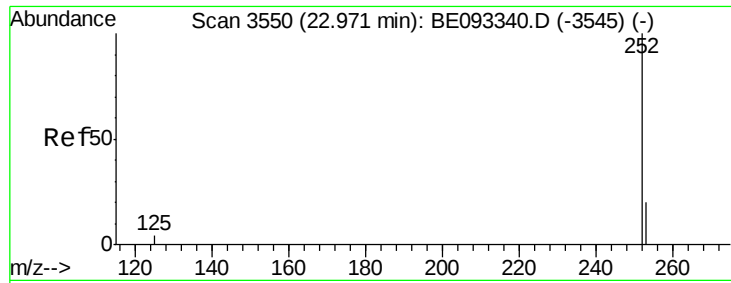
Delta R.T. 0.00 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Tgt Ion:	252	Resp:	23750
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	16.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.295 ng/ul m

RT: 22.97 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BE093342.D

Acq: 23 Jun 2017 18:20

Instrument :

BNA_E

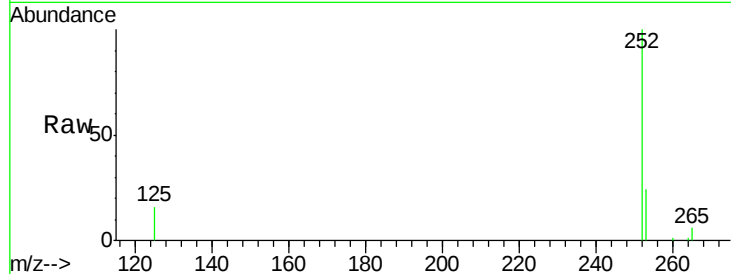
ClientSampleId :

F5C53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	16.4	13.7	20.5

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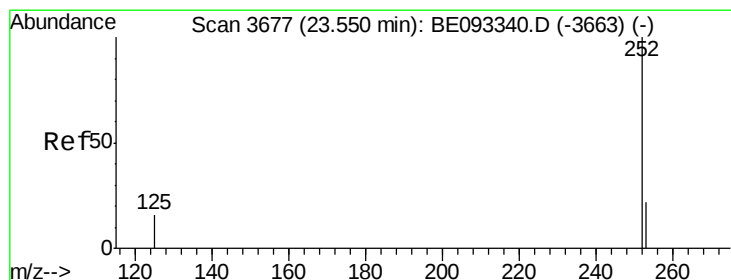
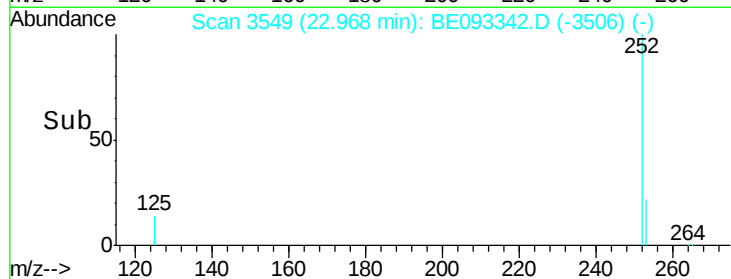
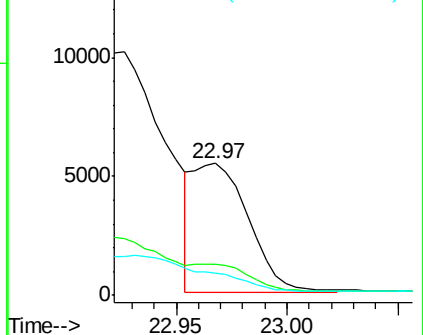
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.598 ng/ul m

RT: 23.56 min Scan# 3678

Delta R.T. 0.01 min

Lab File: BE093342.D

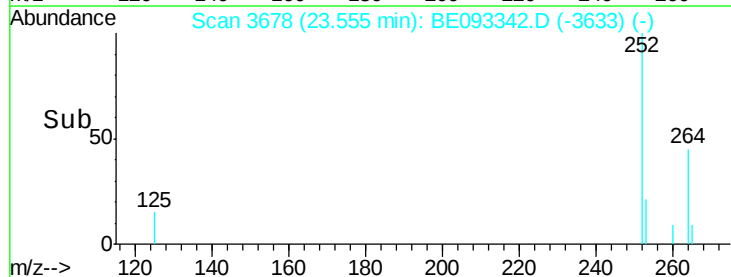
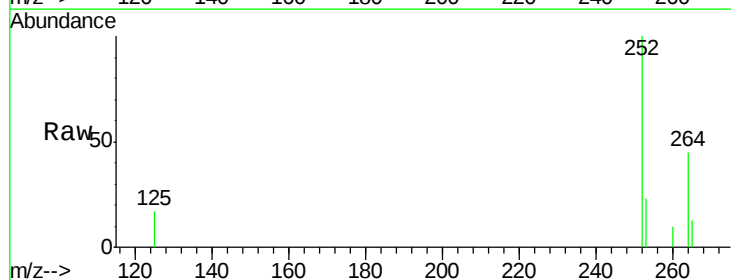
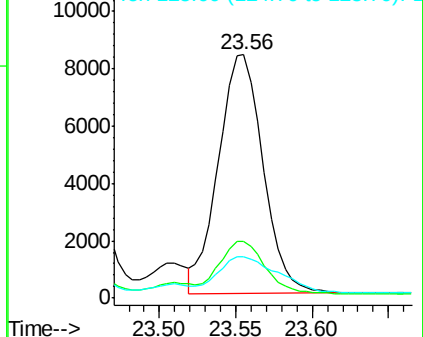
Acq: 23 Jun 2017 18:20

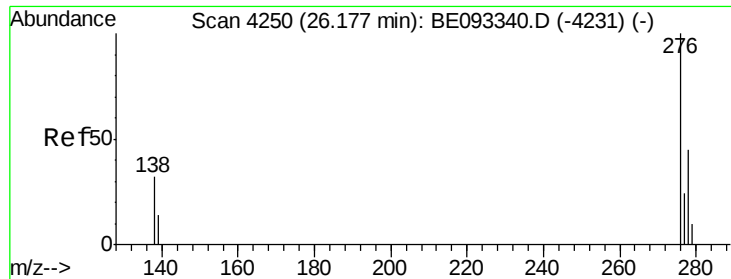
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	17.0	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





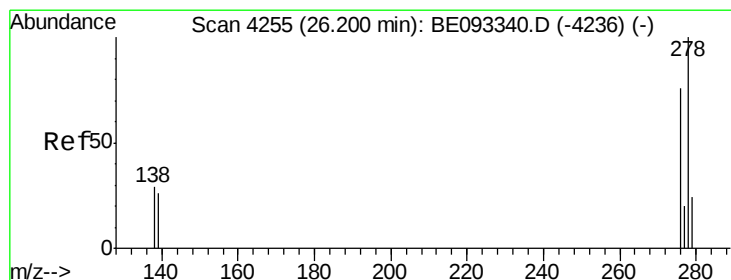
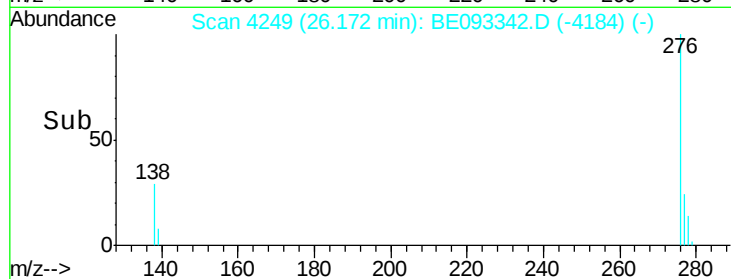
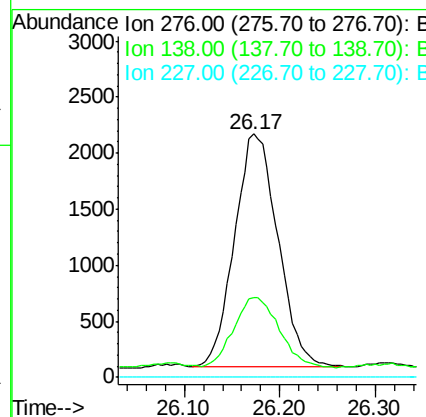
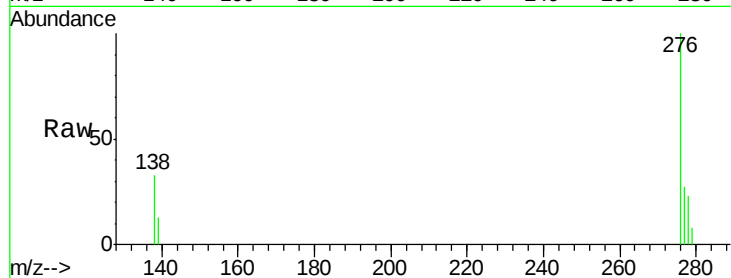
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.200 ng/ul m
 RT: 26.17 min Scan# 4249
 Delta R.T. -0.00 min
 Lab File: BE093342.D
 Acq: 23 Jun 2017 18:20

Instrument :
 BNA_E
 ClientSampleId :
 F5C53

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	3.1	28.0	42.0#
227	0.0	8.0	12.0#

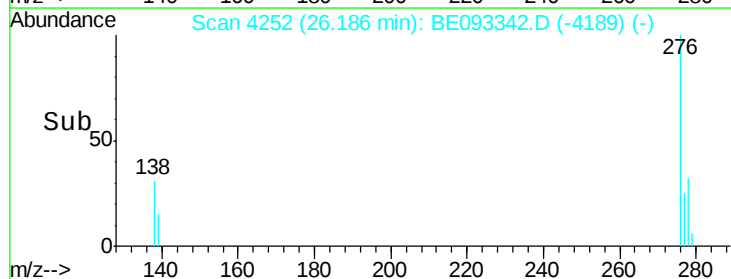
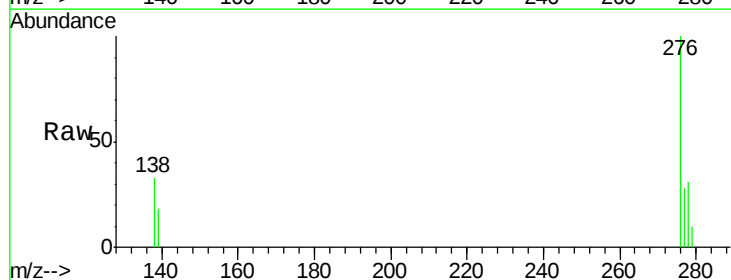
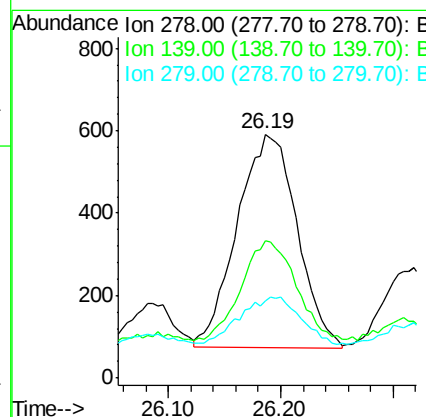
Manual Integrations
 APPROVED

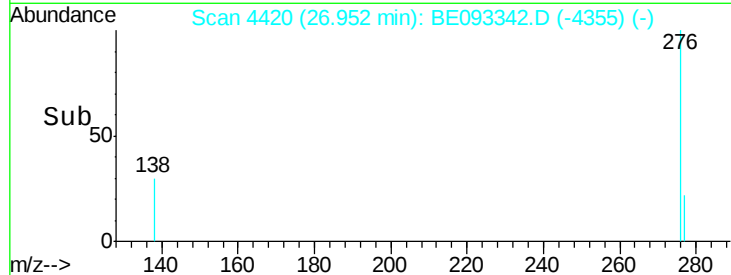
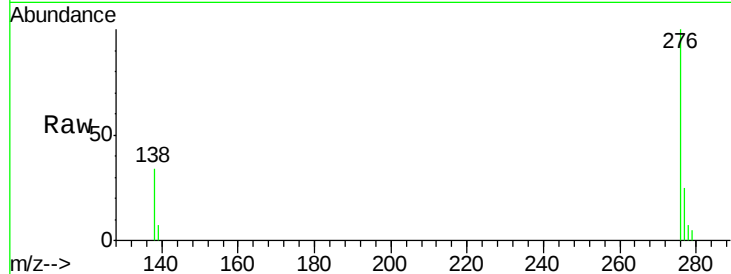
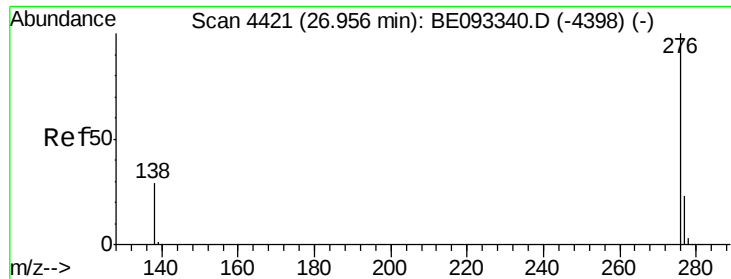
mohammad
 6/29/2017 8:33:06 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.070 ng/ul m
 RT: 26.19 min Scan# 4252
 Delta R.T. -0.01 min
 Lab File: BE093342.D
 Acq: 23 Jun 2017 18:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	56.3	17.4	26.0#
279	31.8	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.179 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. -0.00 min
Lab File: BE093342.D
Acq: 23 Jun 2017 18:20

Tgt Ion:	276	Resp:	5060
Ion Ratio	Lower	Upper	
276	100		
138	33.7	21.8	32.8#
277	25.4	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
F5C53

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:06 AM

