

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093344.D
 Acq On : 23 Jun 2017 19:34
 Operator : SJ/JU
 Sample : I3653-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5E22

Manual Integrations
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mohammad
 6/29/2017 8:33:12 AM

Quant Time: Jun 24 04:40:05 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	1514	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8131	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5327	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12292m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	12134	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10096m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3558	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9309	0.28	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.56	128	251453	12.464	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	15312	1.110	ng/ul	99
7) Acenaphthylene	14.08	152	1626	0.071	ng/ul#	89
8) Acenaphthene	14.42	153	15127	0.820	ng/ul	98
9) Fluorene	15.41	166	18934	0.876	ng/ul#	90
12) Phenanthrene	17.13	178	66695	1.972	ng/ul#	91
13) Anthracene	17.22	178	13837	0.470	ng/ul#	92
15) Fluoranthene	19.15	202	28012	0.675	ng/ul	84
17) Pyrene	19.51	202	22434	0.627	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	5515	0.170	ng/ul#	85
19) Chrysene	21.29	228	4802	0.143	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	4043	0.132	ng/ul	88
22) Benzo(k)fluoranthene	22.97	252	1504m	0.046	ng/ul	
23) Benzo(a)pyrene	23.55	252	2598m	0.090	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	822m	0.025	ng/ul	

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

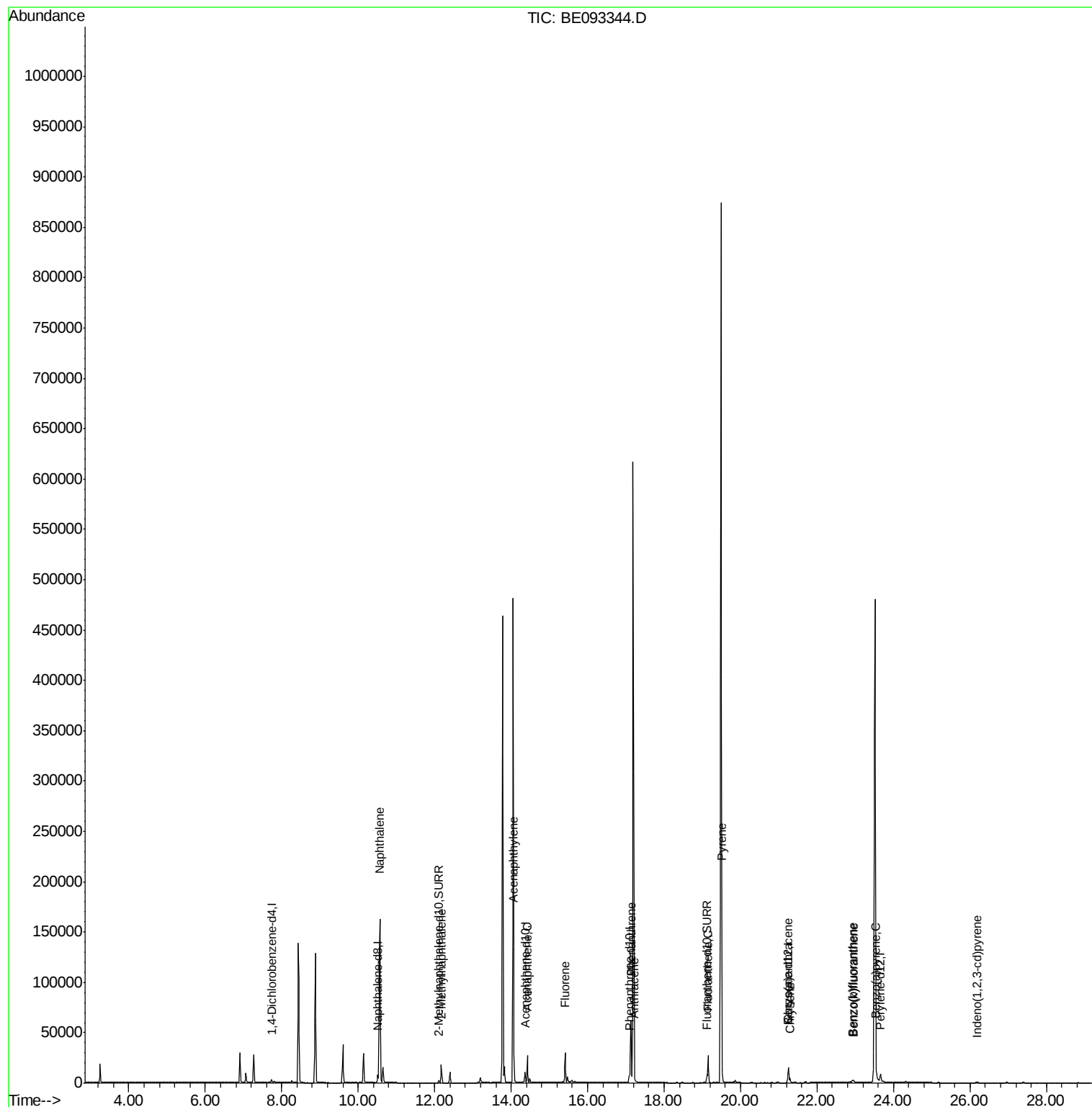
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093344.D
Acq On : 23 Jun 2017 19:34
Operator : SJ/JU
Sample : I3653-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

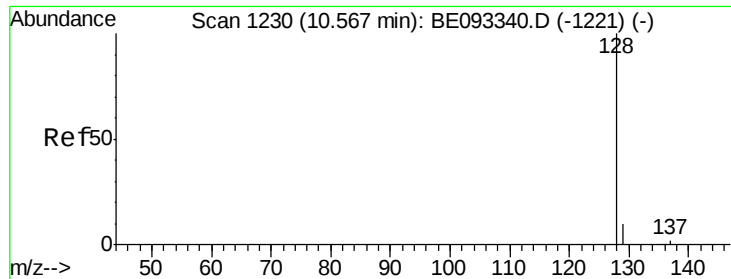
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Quant Time: Jun 24 04:40:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Sat Jun 24 04:29:07 2017
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#3

Naphthalene

Concen: 12.464 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

Instrument :

BNA_E

ClientSampleId :

F5E22

Tgt Ion:128 Resp: 251453
Ion Ratio Lower Upper

128 100

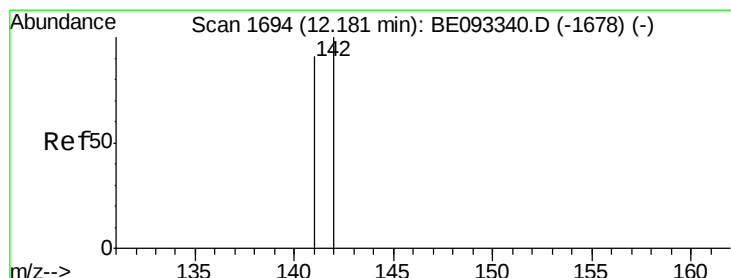
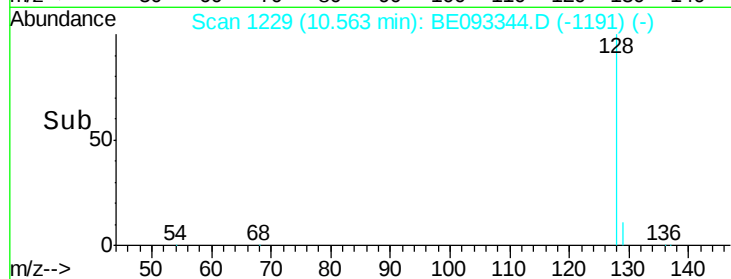
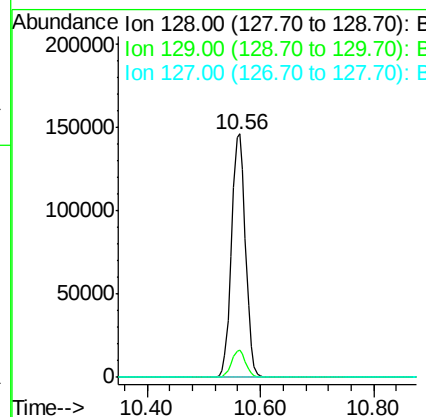
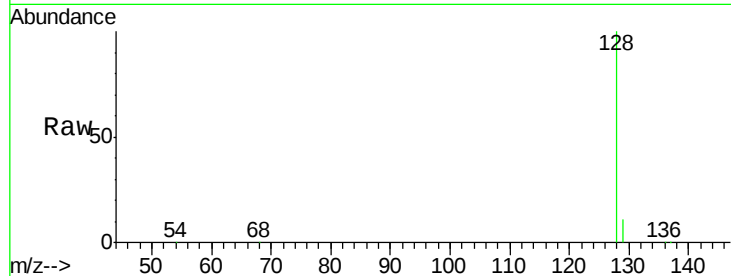
129 11.3 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 1.110 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

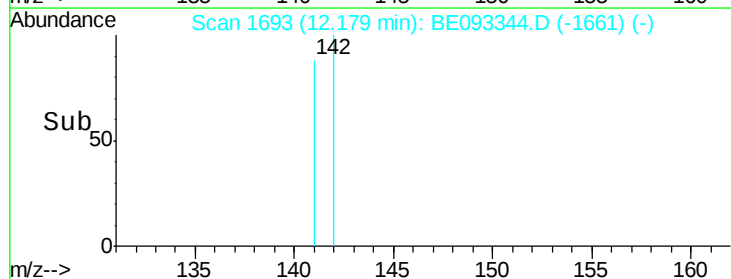
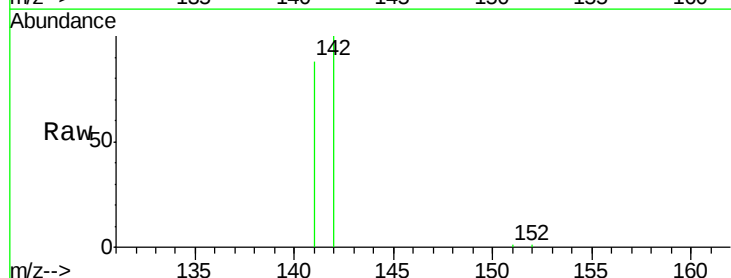
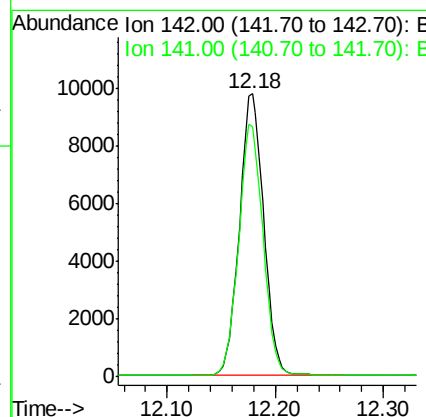
Lab File: BE093344.D

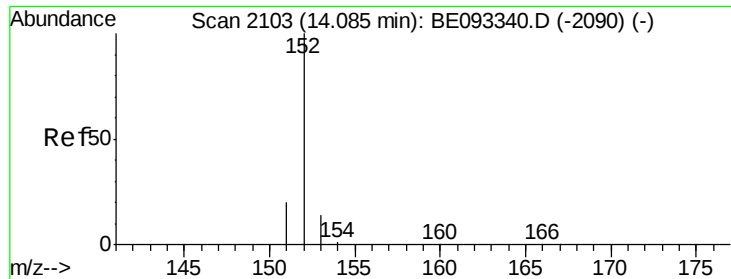
Acq: 23 Jun 2017 19:34

Tgt Ion:142 Resp: 15312
Ion Ratio Lower Upper

142 100

141 89.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.08 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

Instrument :

BNA_E

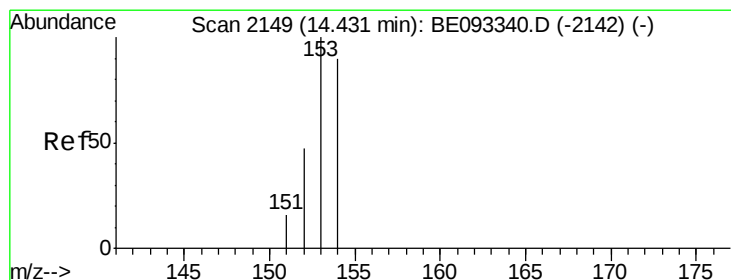
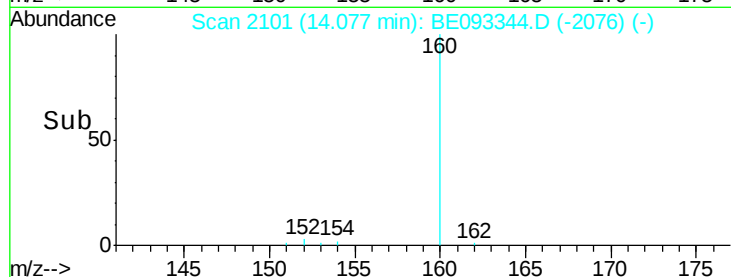
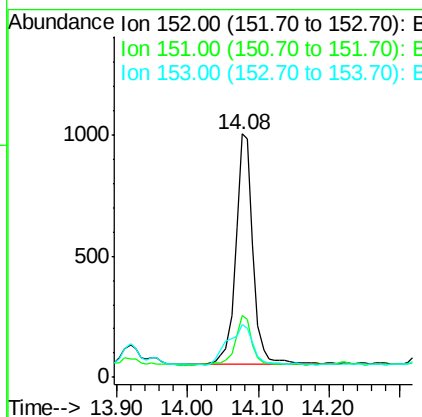
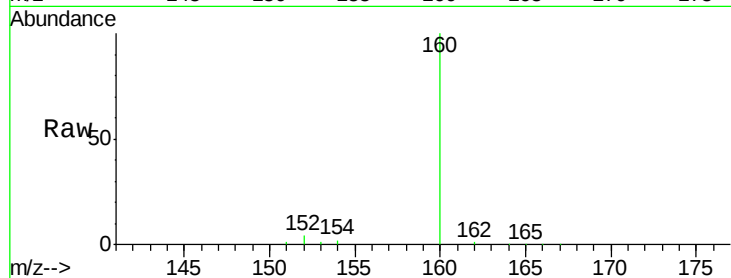
ClientSampleId :

F5E22

Tgt Ion:	152	Resp:	1626
Ion Ratio	Lower	Upper	
152	100		
151	25.5	17.1	25.7
153	21.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.820 ng/ul

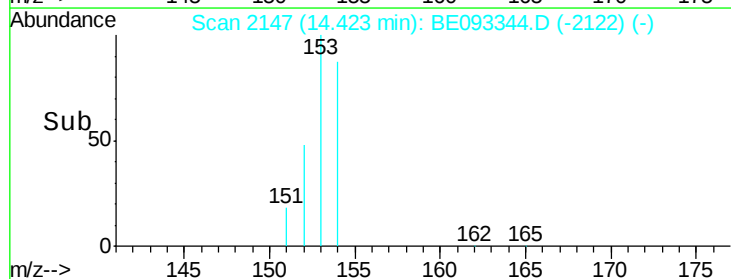
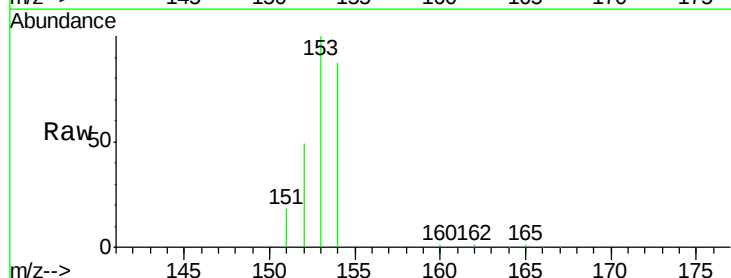
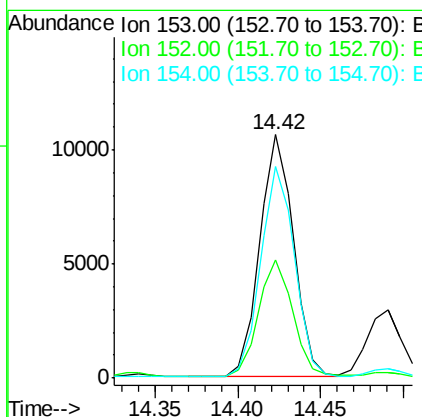
RT: 14.42 min Scan# 2147

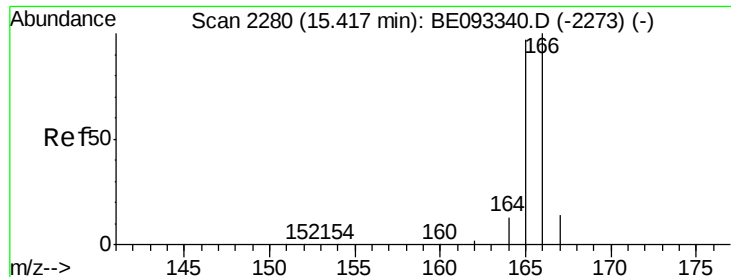
Delta R.T. -0.01 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

Tgt Ion:	153	Resp:	15127
Ion Ratio	Lower	Upper	
153	100		
152	48.7	40.3	60.5
154	87.1	71.4	107.2





#9

Fluorene

Concen: 0.876 ng/ul

RT: 15.41 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

Instrument :

BNA_E

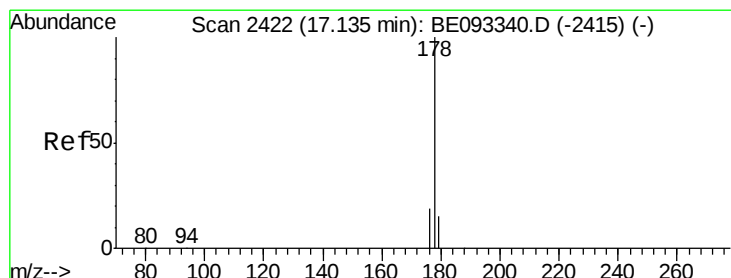
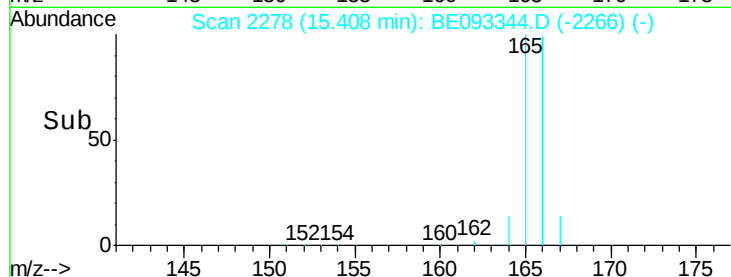
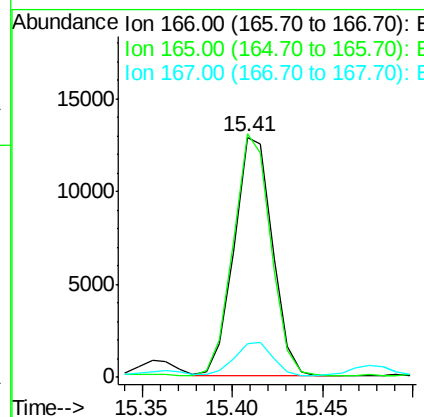
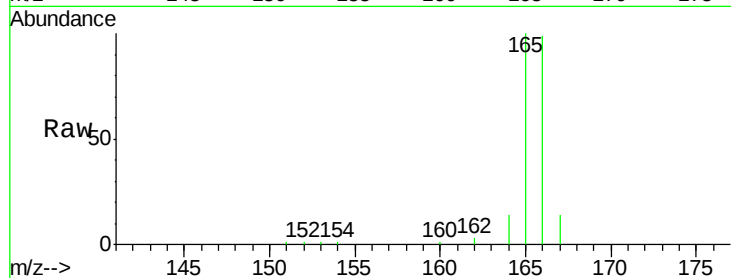
ClientSampleId :

F5E22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	73.4	110.2
167	14.3	14.6	22.0

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#12

Phenanthrene

Concen: 1.972 ng/ul

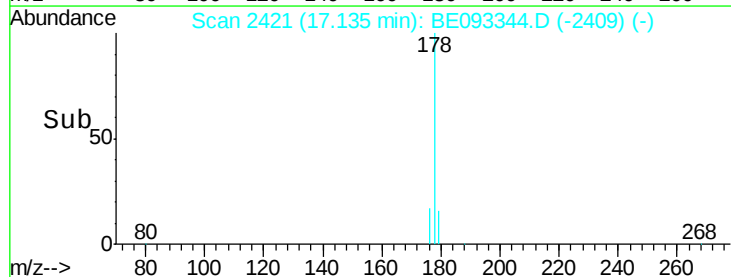
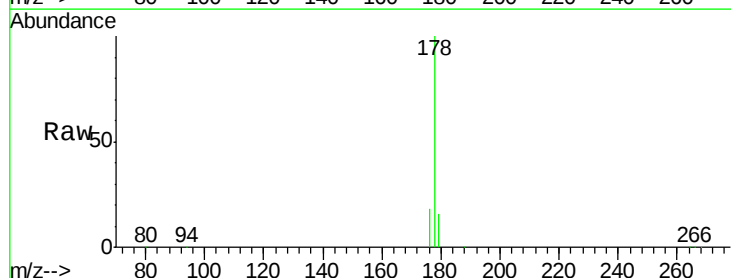
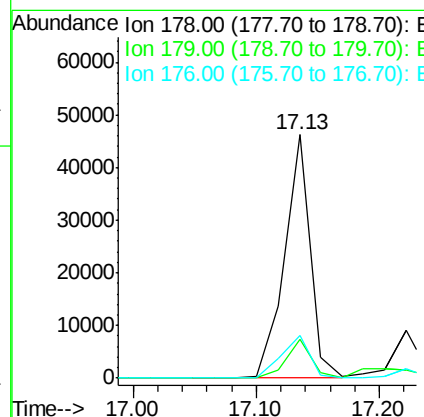
RT: 17.13 min Scan# 2421

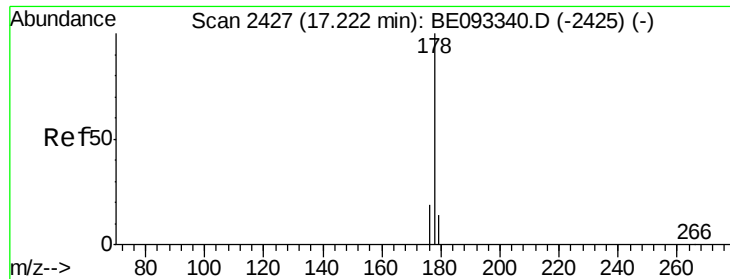
Delta R.T. -0.00 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6
176	17.6	13.6	20.4





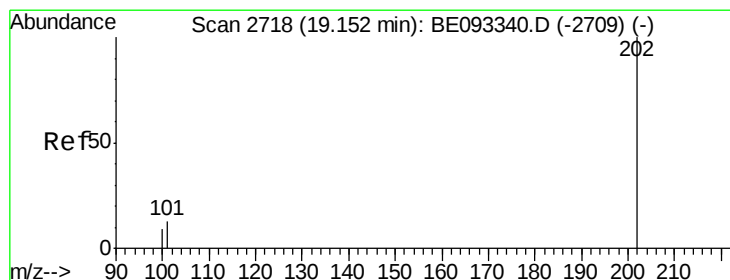
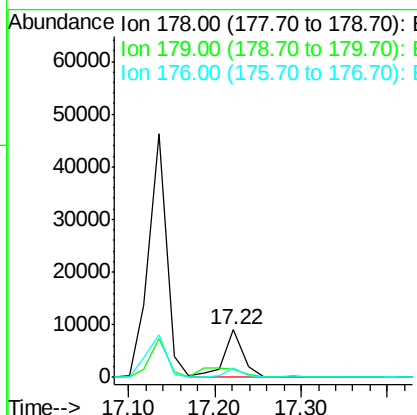
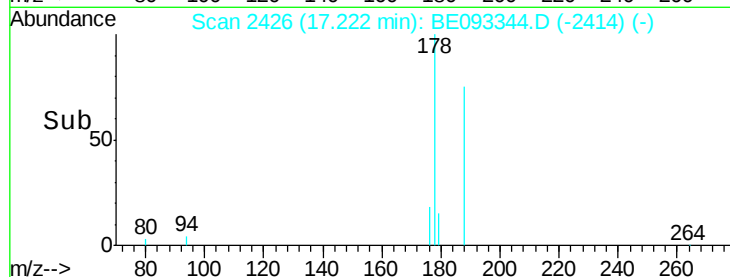
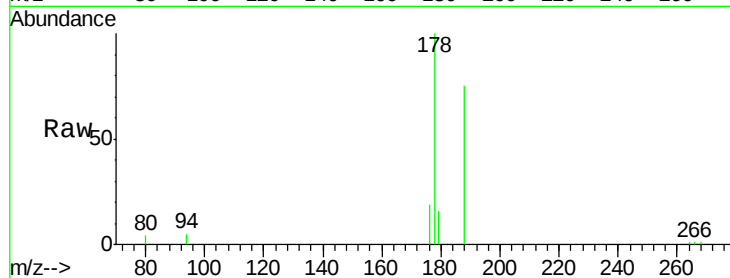
#13
 Anthracene
 Concen: 0.470 ng/ul
 RT: 17.22 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BE093344.D
 Acq: 23 Jun 2017 19:34

Instrument :
 BNA_E
 ClientSampleId :
 F5E22

Tgt Ion:178 Resp: 13837
 Ion Ratio Lower Upper
 178 100
 179 15.9 18.1 27.1#
 176 18.9 14.7 22.1

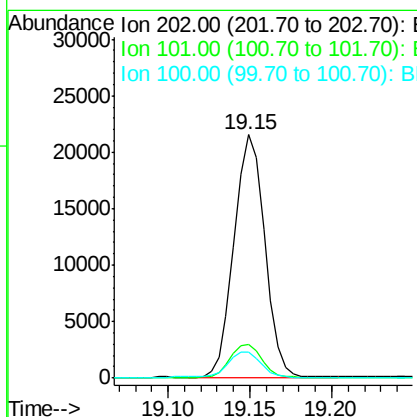
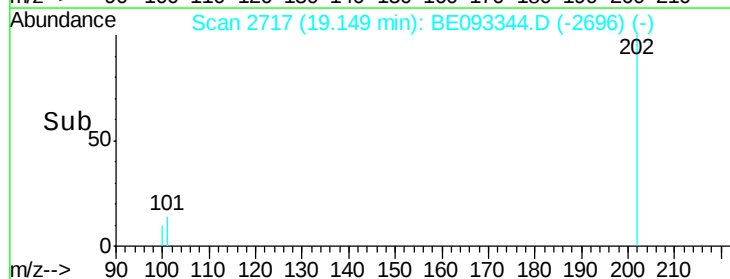
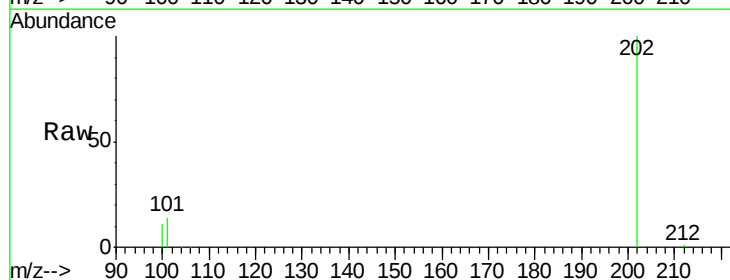
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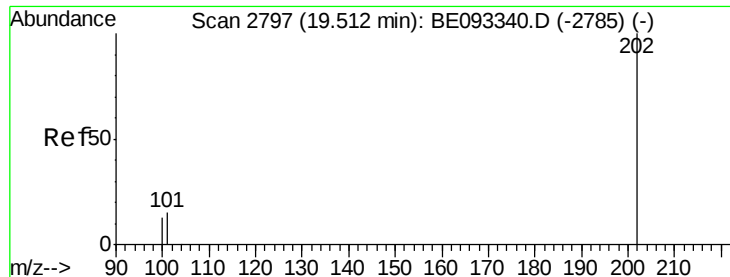
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#15
 Fluoranthene
 Concen: 0.675 ng/ul
 RT: 19.15 min Scan# 2717
 Delta R.T. -0.00 min
 Lab File: BE093344.D
 Acq: 23 Jun 2017 19:34

Tgt Ion:202 Resp: 28012
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 30.3
 100 10.6 0.0 39.5





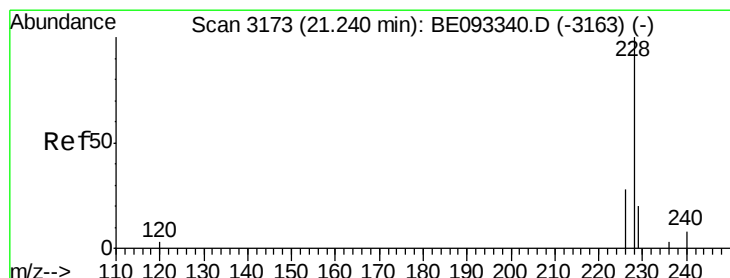
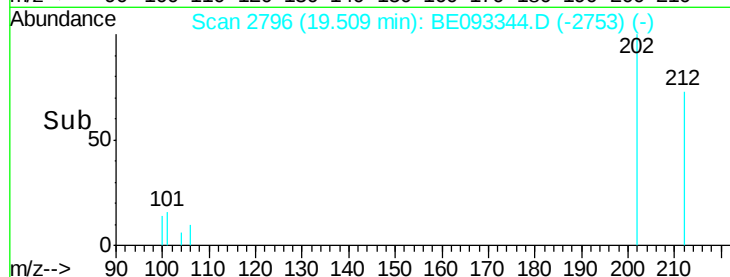
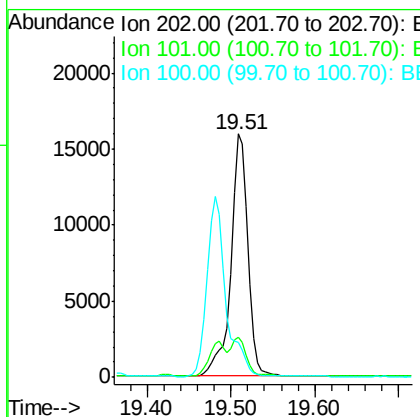
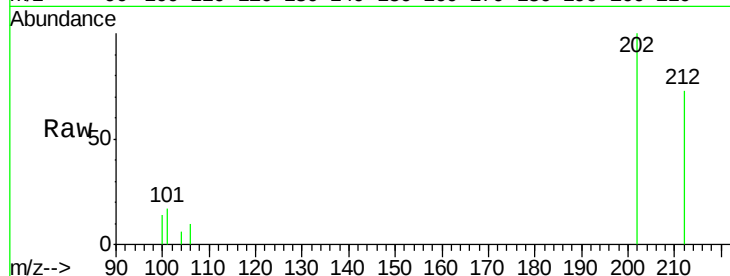
#17
Pyrene
Concen: 0.627 ng/ul
RT: 19.51 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BE093344.D
Acq: 23 Jun 2017 19:34

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.6	18.2	27.4#
100	14.5	15.6	23.4#

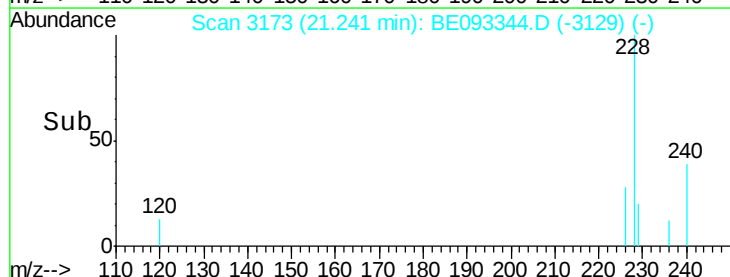
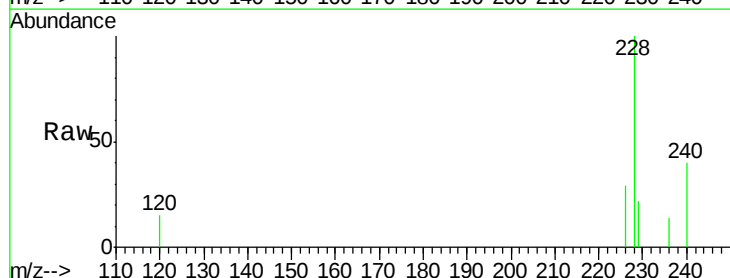
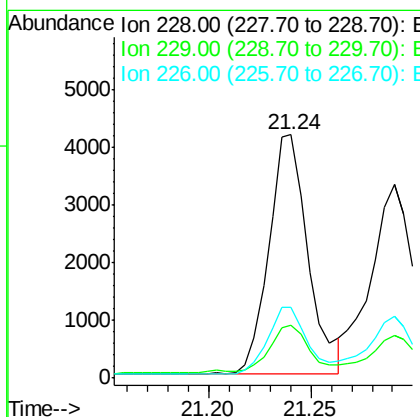
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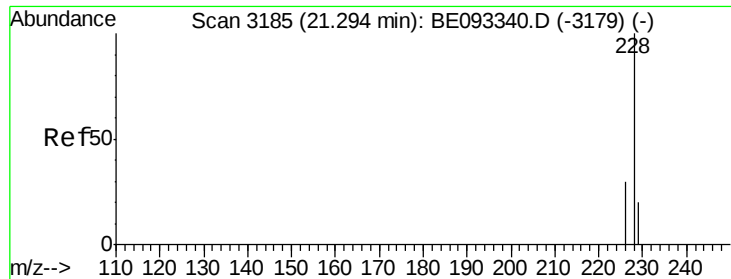
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#18
Benzo(a)anthracene
Concen: 0.170 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE093344.D
Acq: 23 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	29.3	17.0	25.6#





#19

Chrysene

Concen: 0.143 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

Instrument :

BNA_E

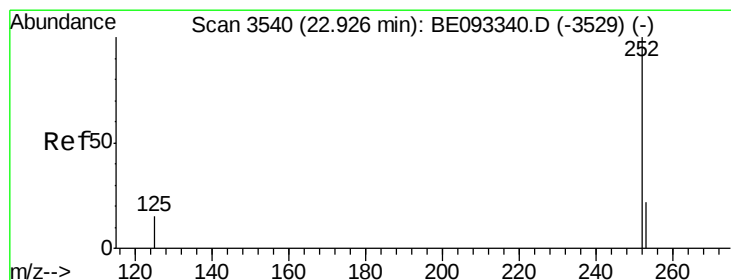
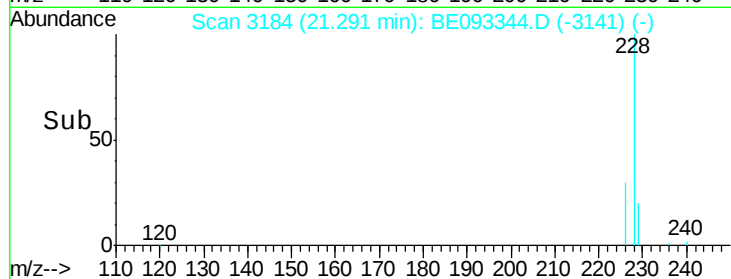
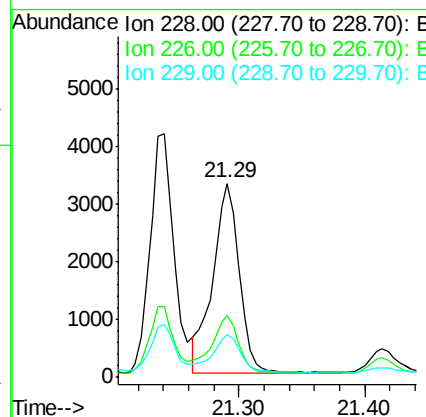
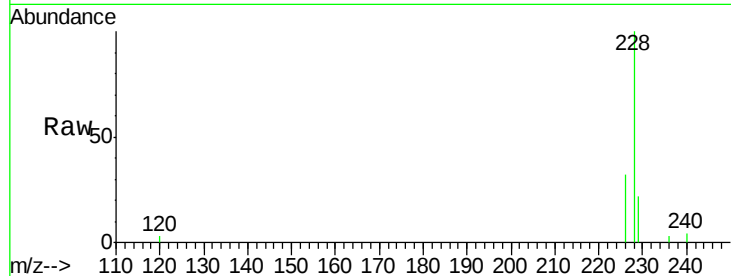
ClientSampleId :

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Tgt Ion:	228	Resp:	4802
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.132 ng/ul

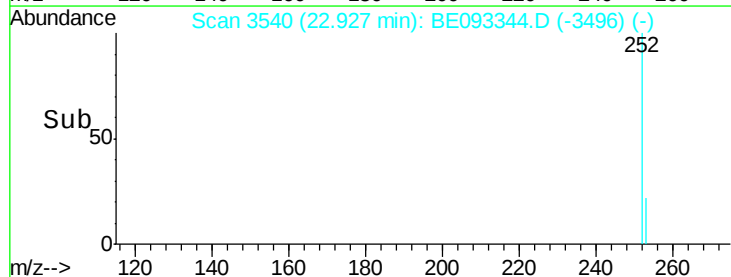
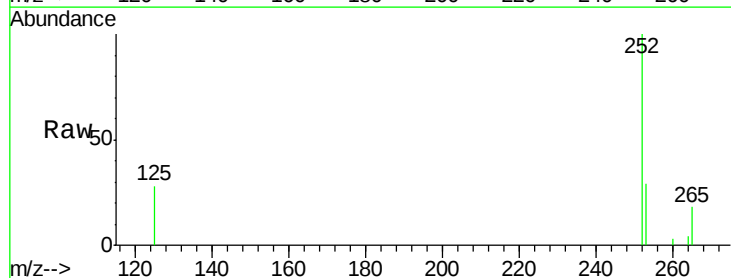
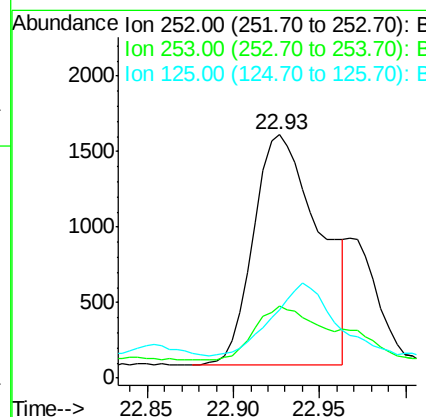
RT: 22.93 min Scan# 3540

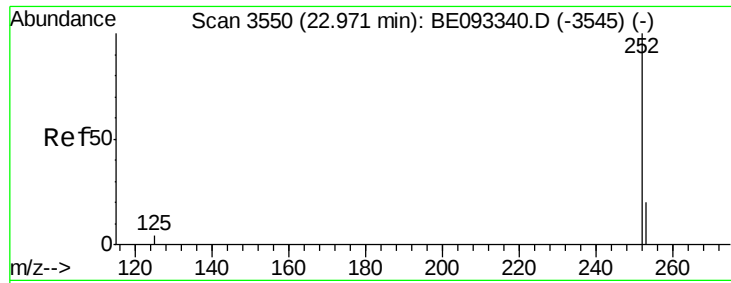
Delta R.T. 0.00 min

Lab File: BE093344.D

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Tgt Ion:	252	Resp:	4043
Ion Ratio	Lower	Upper	
252	100		
253	29.4	0.0	64.2
125	28.0	0.0	35.0





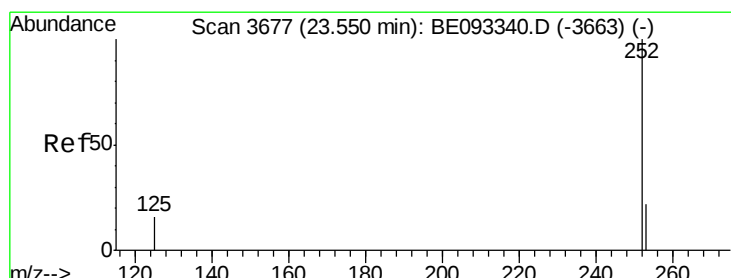
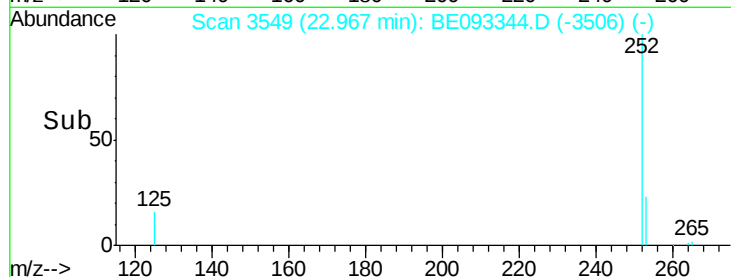
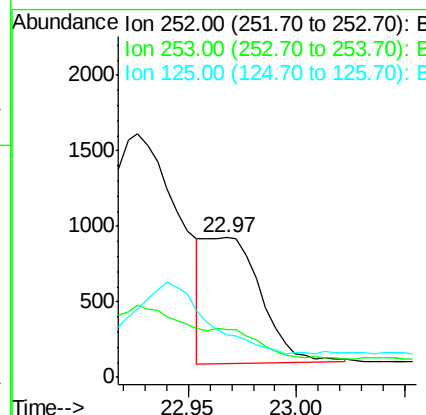
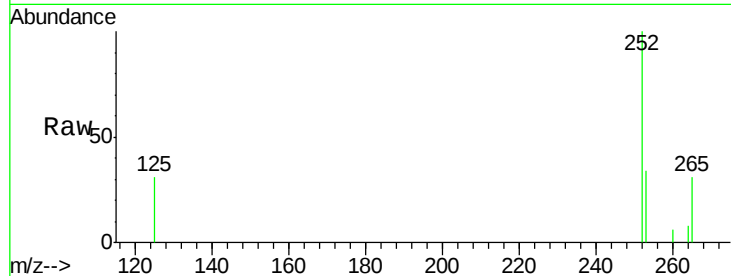
#22
Benzo(k)fluoranthene
Concen: 0.046 ng/ul m
RT: 22.97 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BE093344.D
Acq: 23 Jun 2017 19:34

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.4	24.5	36.7
125	31.0	13.7	20.5#

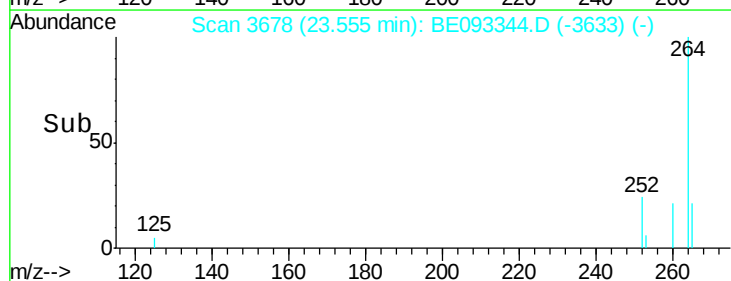
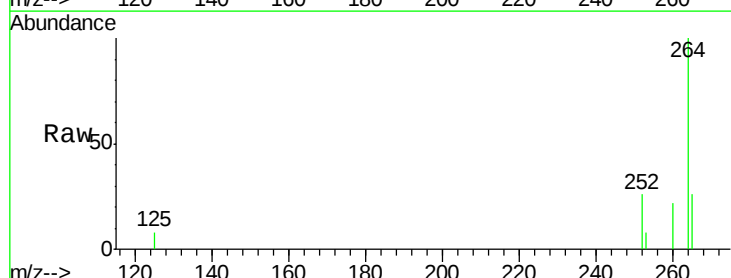
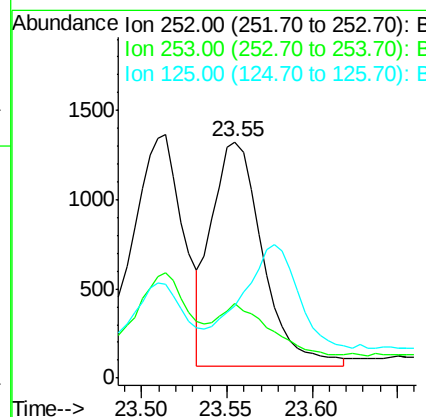
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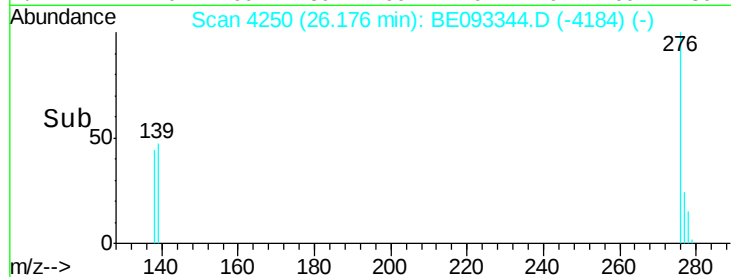
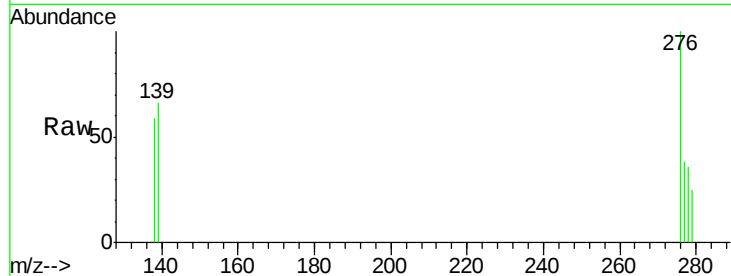
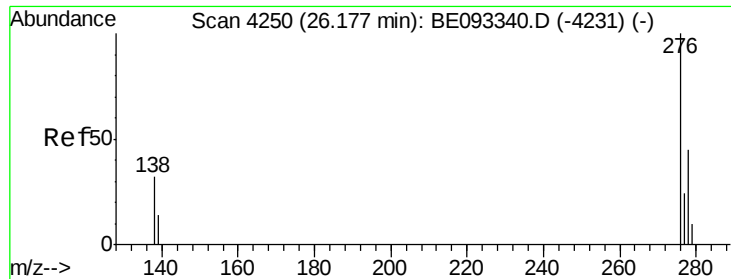
mohammad
6/29/2017 8:33:12 AM



#23
Benzo(a)pyrene
Concen: 0.090 ng/ul m
RT: 23.55 min Scan# 3678
Delta R.T. 0.01 min
Lab File: BE093344.D
Acq: 23 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.5	28.5	42.7
125	30.5	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng/ul m

RT: 26.18 min Scan# 4250

Delta R.T. -0.00 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

Instrument :

BNA_E

ClientSampleId :

F5E22

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	5.4	28.0	42.0#	
227	0.0	8.0	12.0#	

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:12 AM

