

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093346.D
 Acq On : 23 Jun 2017 20:46
 Operator : SJ/JU
 Sample : I3627-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A09

Manual Integrations
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mohammad
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Quant Time: Jun 24 04:56:05 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	1648	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8791	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5531	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12894	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13785	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11698m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2971	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	7969	0.23	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.56	128	29565	1.355	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	5239	0.351	ng/ul	98
7) Acenaphthylene	14.08	152	48641	2.049	ng/ul	96
8) Acenaphthene	14.42	153	7636	0.399	ng/ul	97
9) Fluorene	15.41	166	14118	0.629	ng/ul	91
12) Phenanthrene	17.13	178	106484	3.001	ng/ul#	90
13) Anthracene	17.22	178	57874	1.874	ng/ul#	89
15) Fluoranthene	19.15	202	255502	5.873	ng/ul	83
17) Pyrene	19.51	202	427118	10.507	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	257596	7.006	ng/ul#	83
19) Chrysene	21.30	228	356689	9.351	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	589834	16.615	ng/ul	86
22) Benzo(k)fluoranthene	22.98	252	212935m	5.648	ng/ul	
23) Benzo(a)pyrene	23.56	252	356784m	10.629	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	236609m	6.088	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	62426m	1.907	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	171163	5.135	ng/ul	97

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

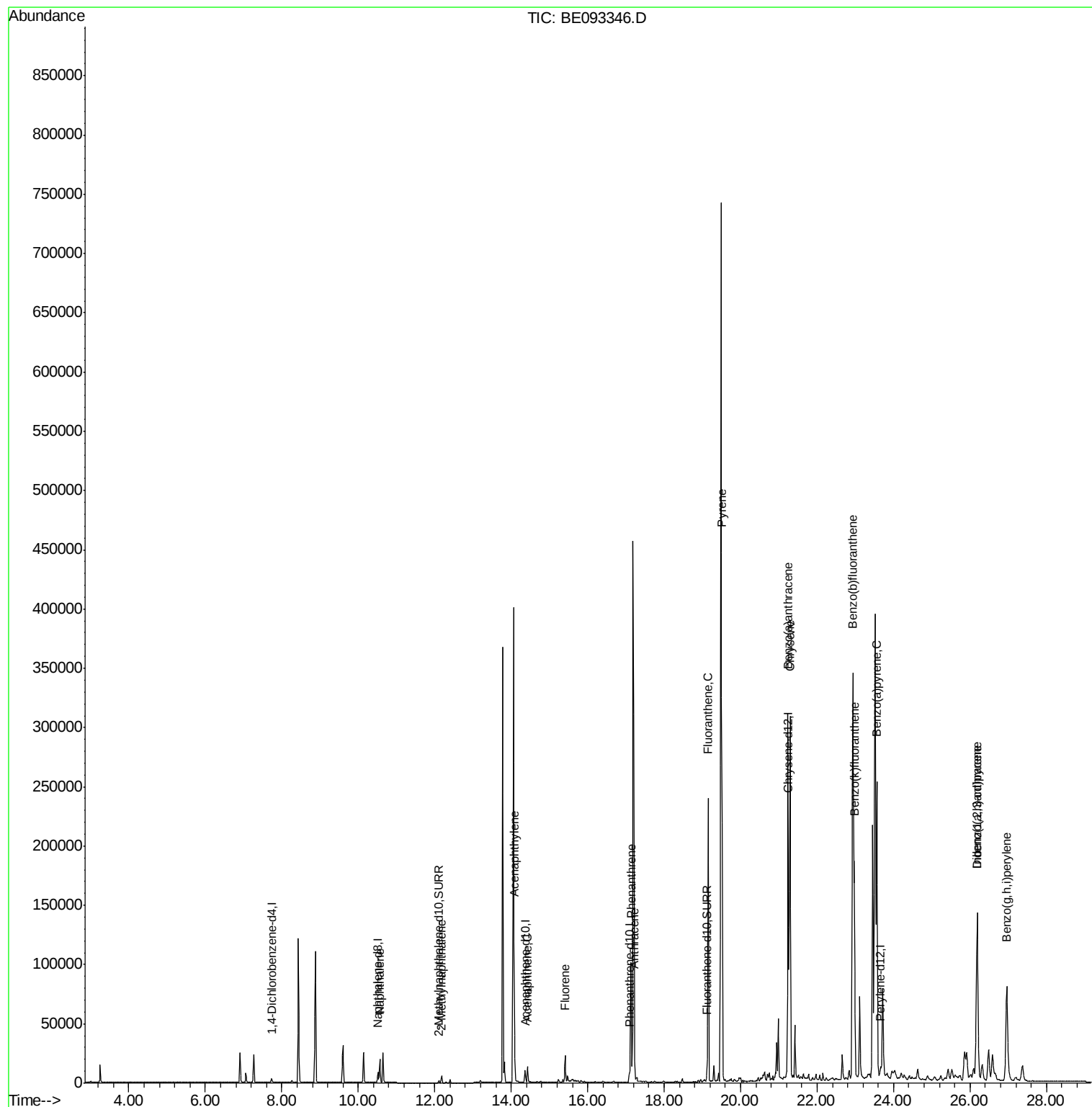
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093346.D
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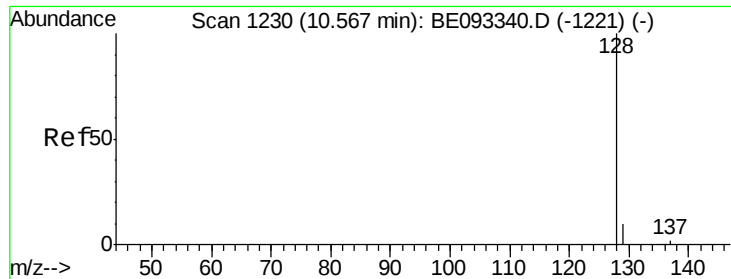
Instrument :
BNA_E
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Quant Time: Jun 24 04:56:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Sat Jun 24 04:29:07 2017
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#3

Naphthalene

Concen: 1.355 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093346.D

Acq: 23 Jun 2017 20:46

Instrument :

BNA_E

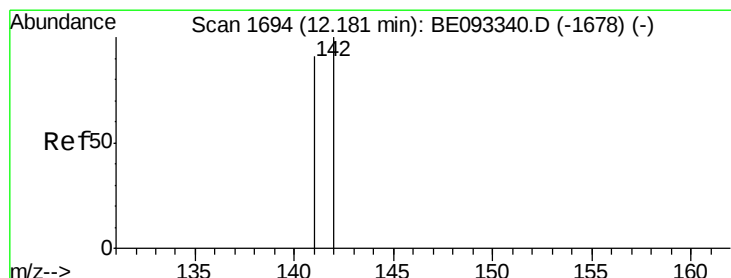
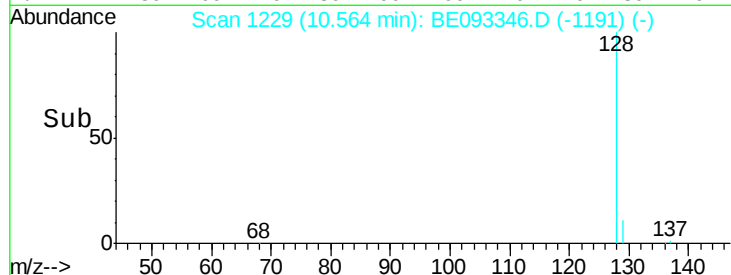
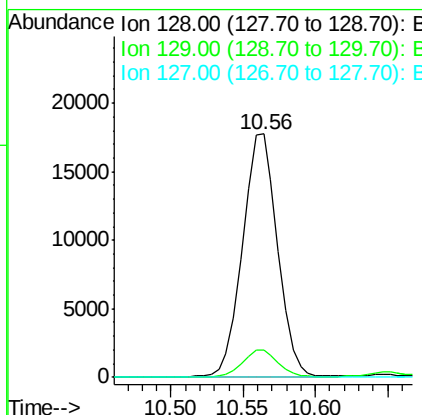
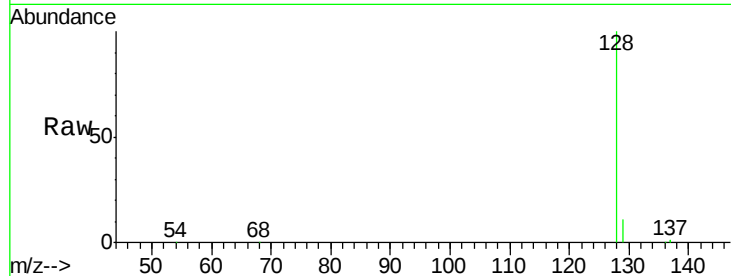
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.351 ng/ul

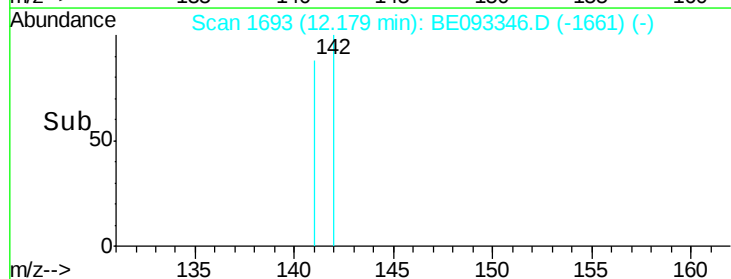
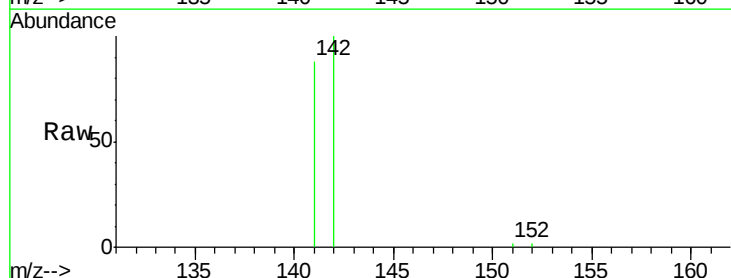
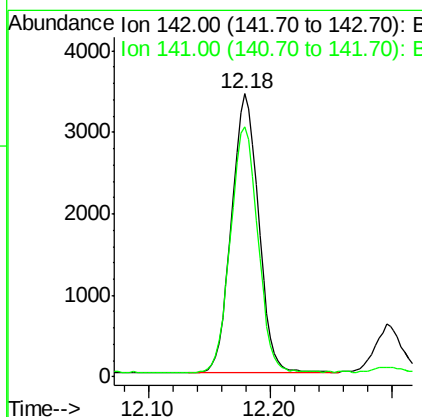
RT: 12.18 min Scan# 1693

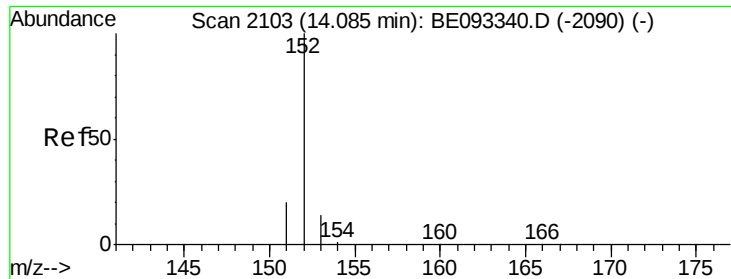
Delta R.T. -0.00 min

Lab File: BE093346.D

Acq: 23 Jun 2017 20:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8





#7

Acenaphthylene

Concen: 2.049 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BE093346.D

Acq: 23 Jun 2017 20:46

Instrument :

BNA_E

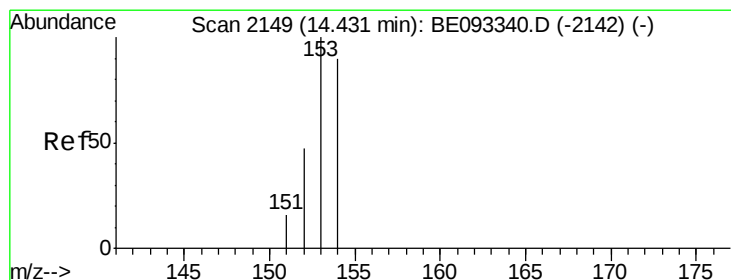
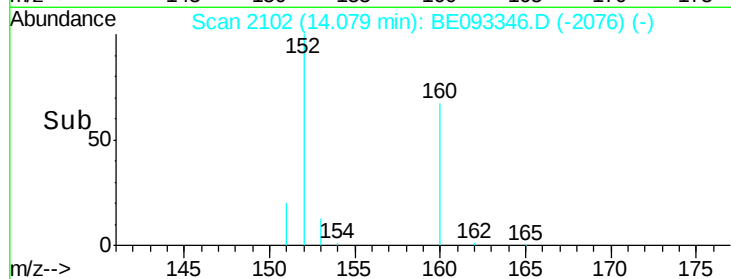
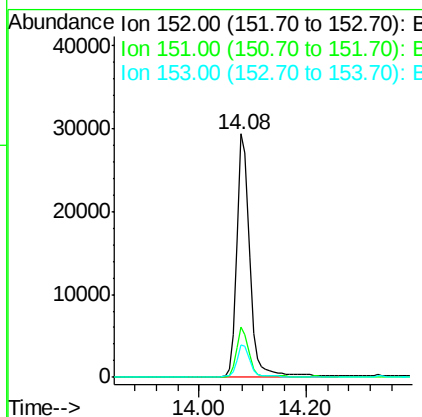
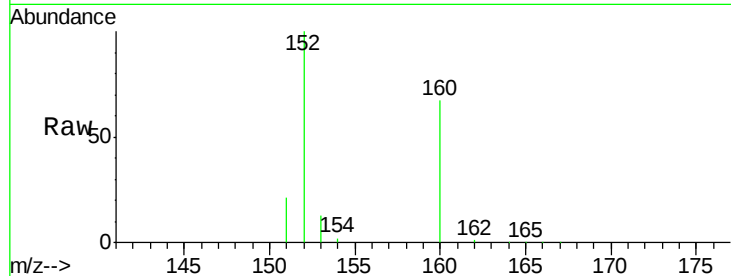
ClientSampleId :

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Tgt Ion:	152	Resp:	48641
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.1	25.7
153	13.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.399 ng/ul

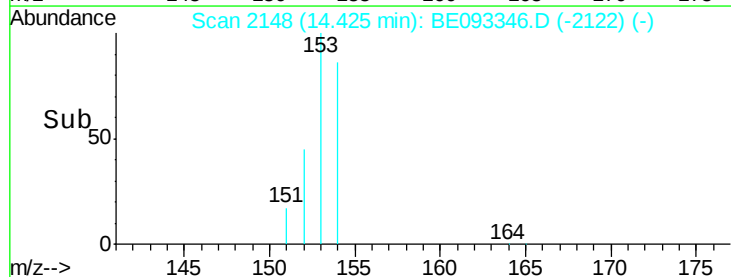
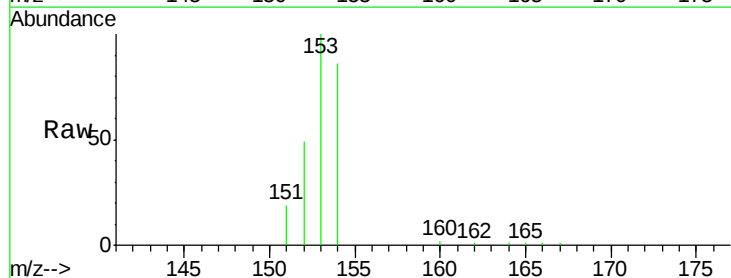
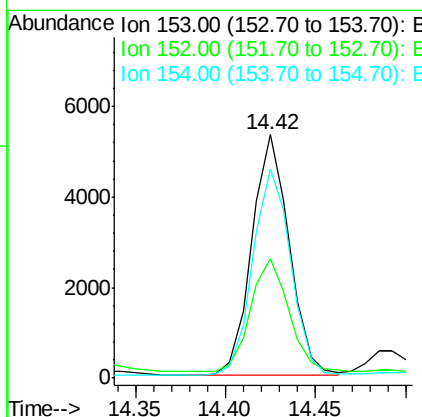
RT: 14.42 min Scan# 2148

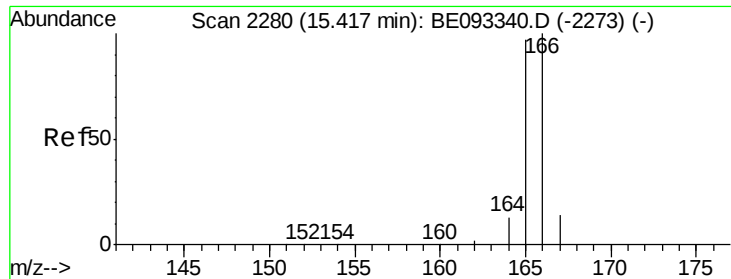
Delta R.T. -0.01 min

Lab File: BE093346.D

Acq: 23 Jun 2017 20:46

Tgt Ion:	153	Resp:	7636
Ion Ratio	Lower	Upper	
153	100		
152	49.1	40.3	60.5
154	86.0	71.4	107.2





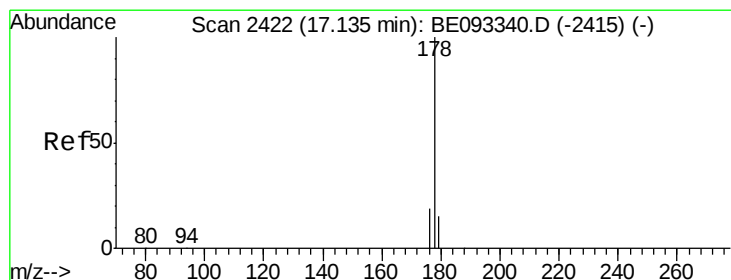
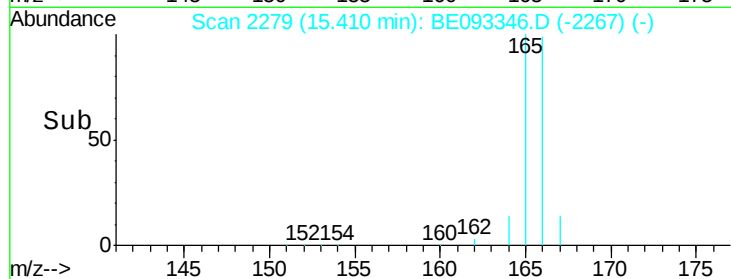
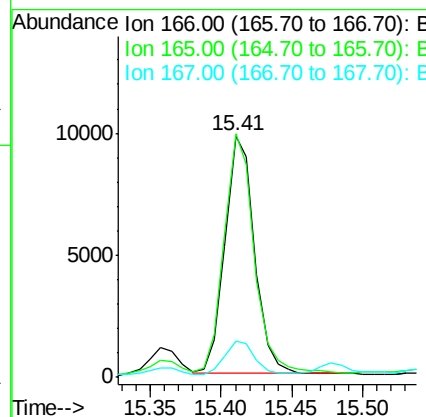
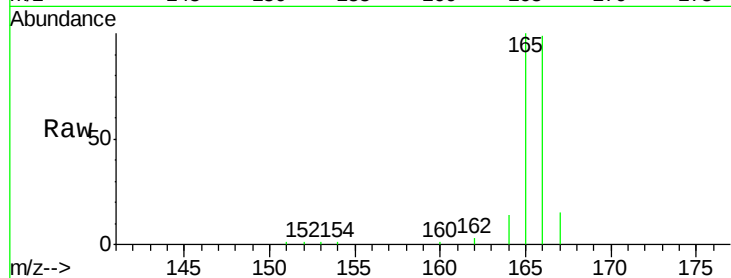
#9
Fluorene
 Concen: 0.629 ng/ul
 RT: 15.41 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE093346.D
 Acq: 23 Jun 2017 20:46

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	73.4	110.2
167	14.8	14.6	22.0

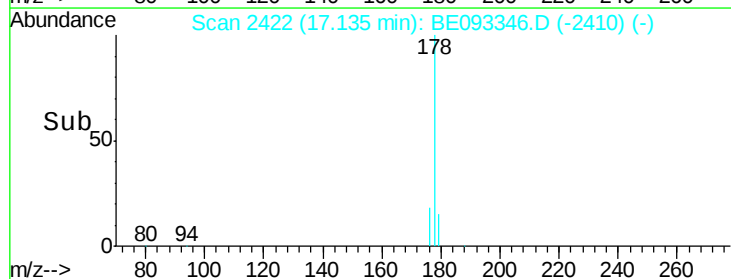
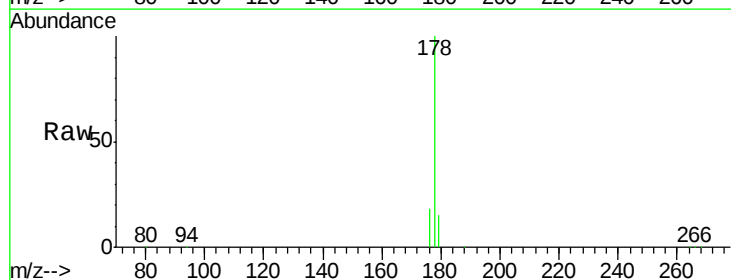
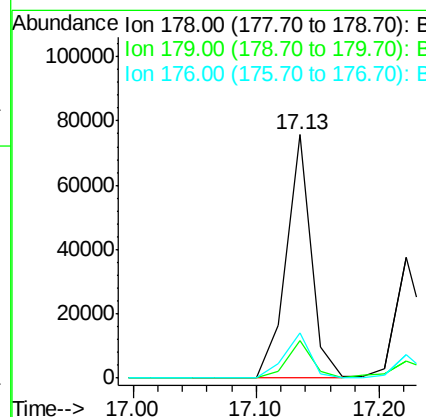
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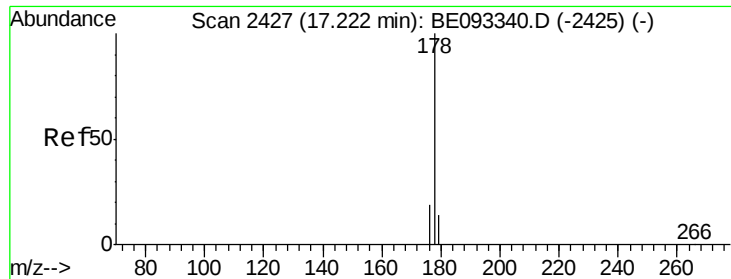
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#12
Phenanthrene
 Concen: 3.001 ng/ul
 RT: 17.13 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BE093346.D
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	18.4	13.6	20.4





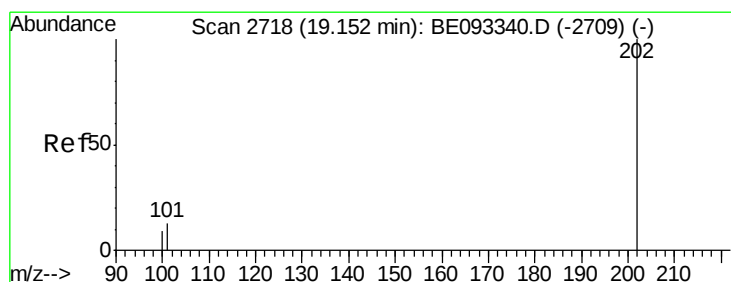
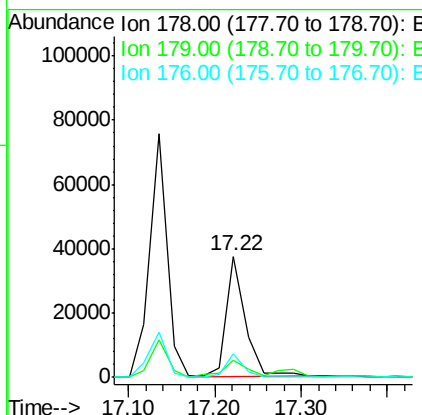
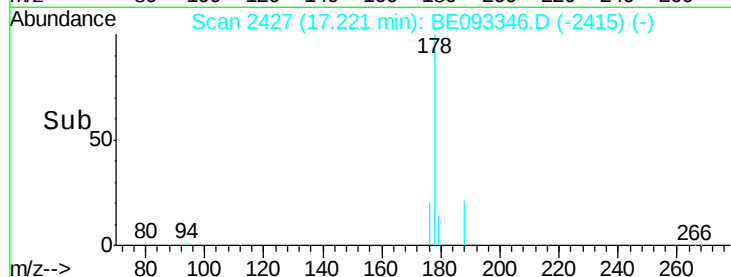
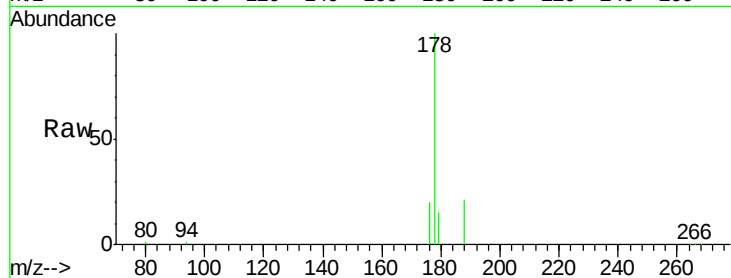
#13
 Anthracene
 Concen: 1.874 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE093346.D
 Acq: 23 Jun 2017 20:46

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:178 Resp: 57874
 Ion Ratio Lower Upper
 178 100
 179 14.5 18.1 27.1#
 176 19.7 14.7 22.1

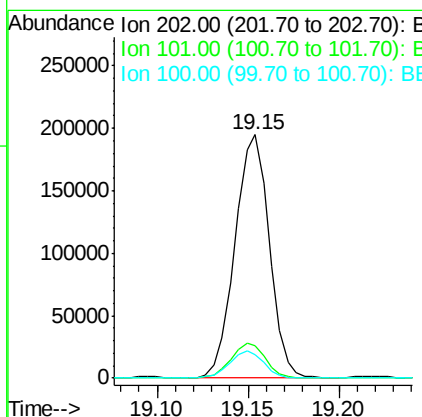
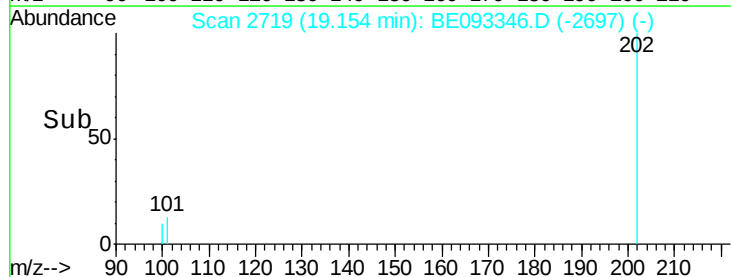
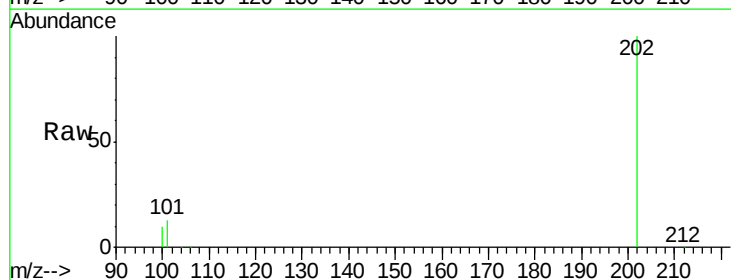
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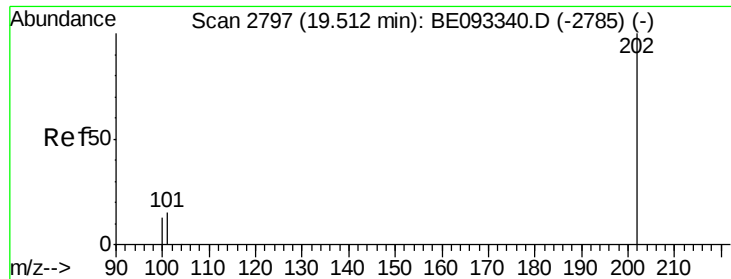
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#15
 Fluoranthene
 Concen: 5.873 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093346.D
 Acq: 23 Jun 2017 20:46

Tgt Ion:202 Resp: 255502
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 30.3
 100 9.8 0.0 39.5





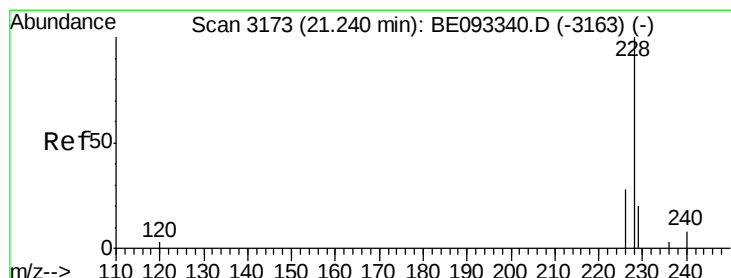
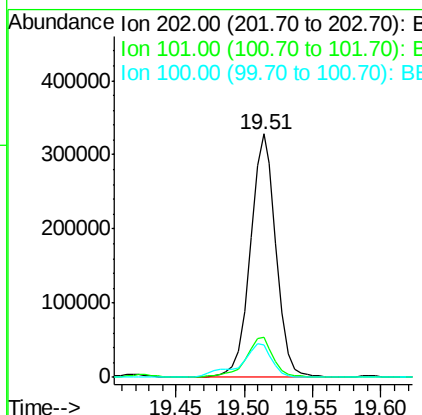
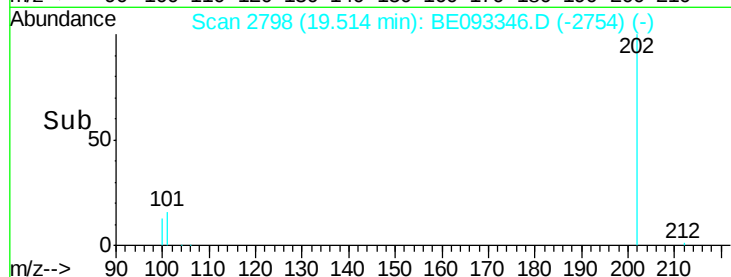
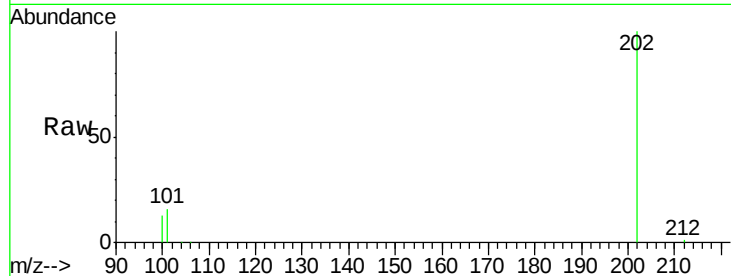
#17
Pyrene
 Concen: 10.507 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093346.D
 Acq: 23 Jun 2017 20:46

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.3	18.2	27.4#
100	13.4	15.6	23.4#

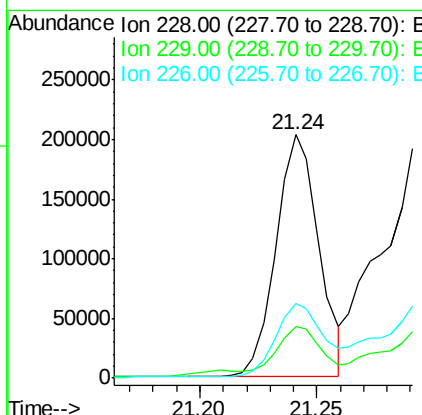
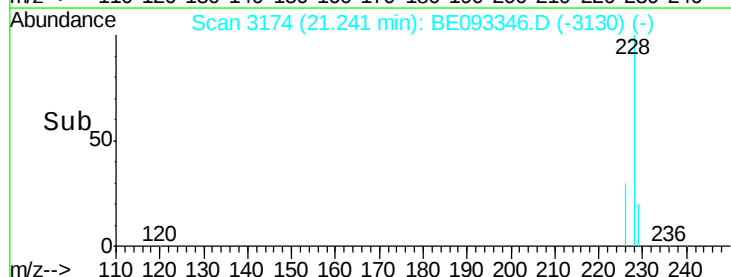
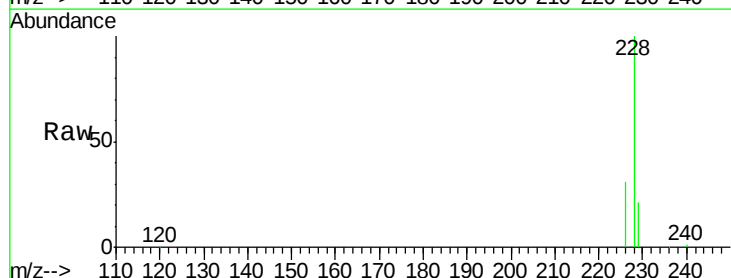
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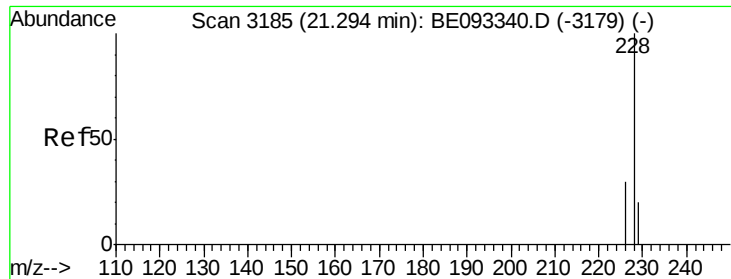
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#18
Benzo(a)anthracene
 Concen: 7.006 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093346.D
 Acq: 23 Jun 2017 20:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	22.8	34.2#
226	30.7	17.0	25.6#





#19

Chrysene

Concen: 9.351 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093346.D

Acq: 23 Jun 2017 20:46

Instrument :

BNA_E

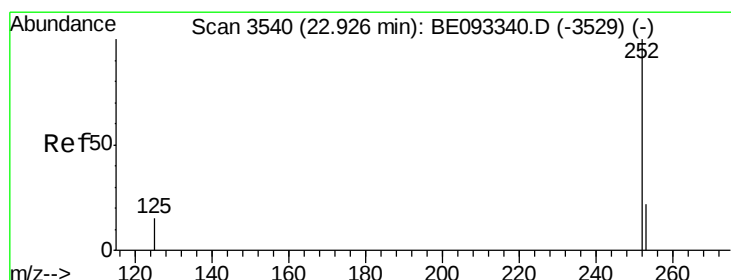
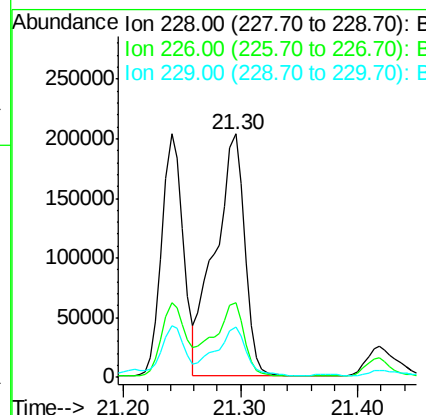
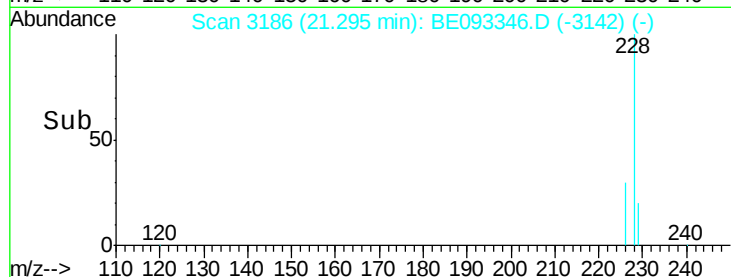
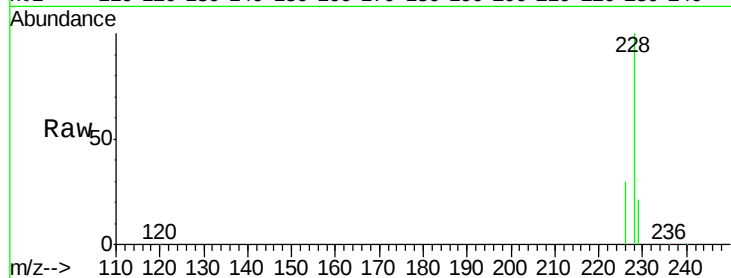
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Tgt Ion:	228	Resp:	356689
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	20.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 16.615 ng/ul

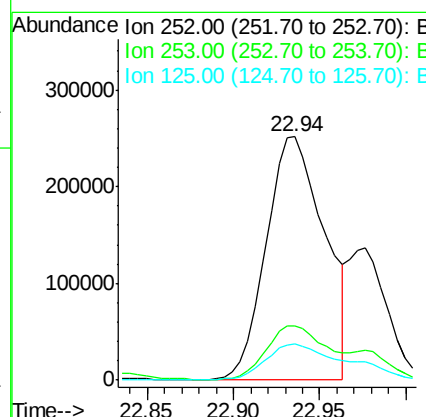
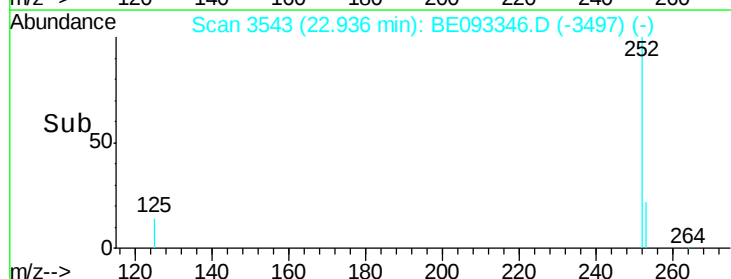
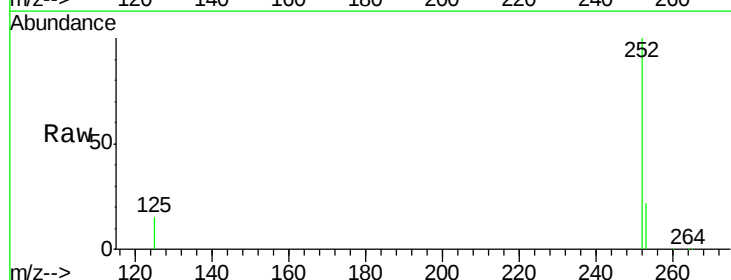
RT: 22.94 min Scan# 3543

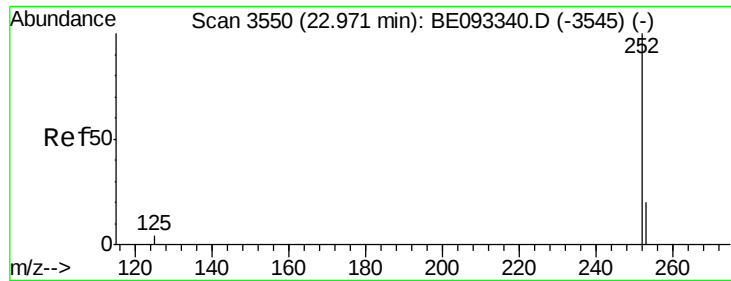
Delta R.T. 0.01 min

Lab File: BE093346.D

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Tgt Ion:	252	Resp:	589834
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	64.2
125	14.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 5.648 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BE093346.D

Acq: 23 Jun 2017 20:46

Instrument :

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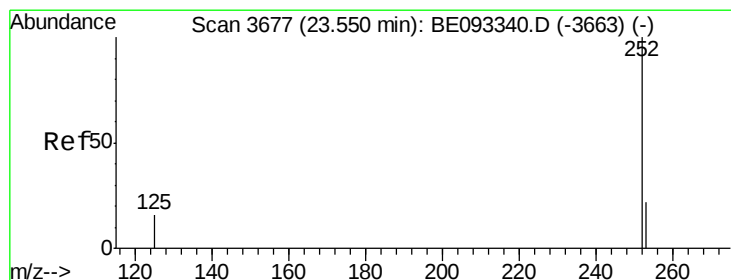
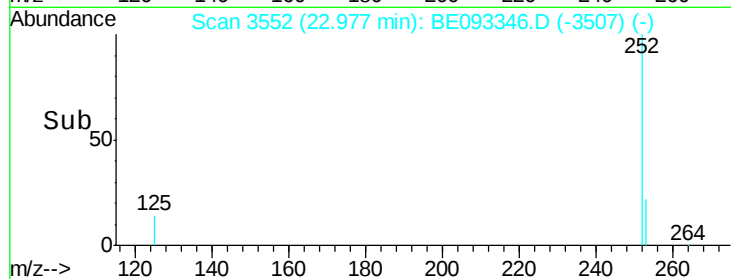
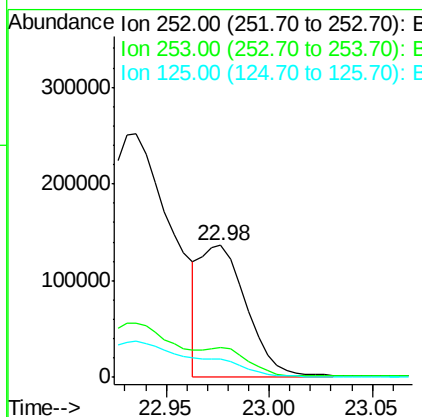
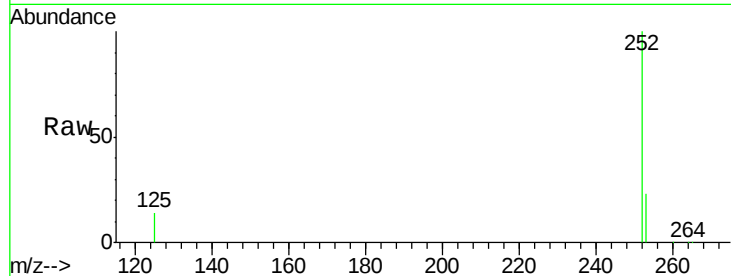
ClientSampleId :

F5A09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	24.5	36.7#
125	14.2	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 10.629 ng/ul m

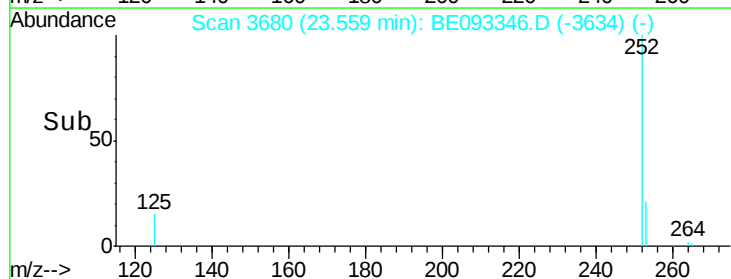
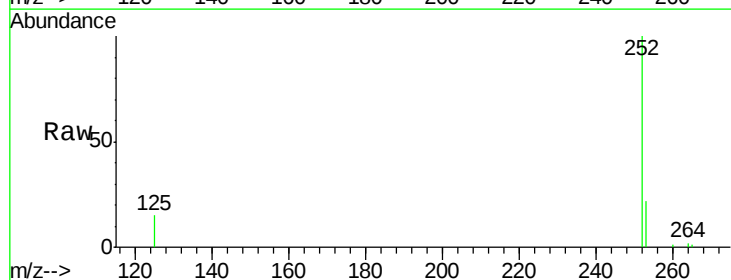
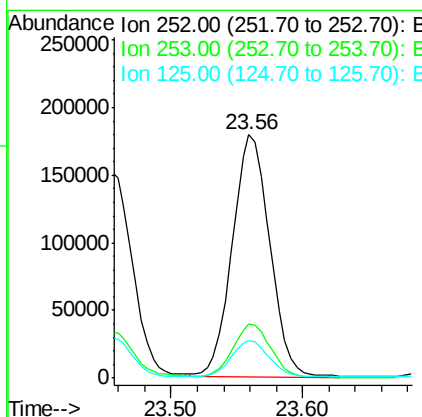
RT: 23.56 min Scan# 3680

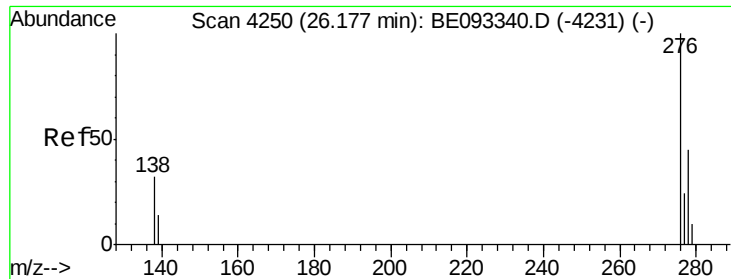
Delta R.T. 0.01 min

Lab File: BE093346.D

Acq: 23 Jun 2017 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	28.5	42.7#
125	15.3	18.1	27.1#





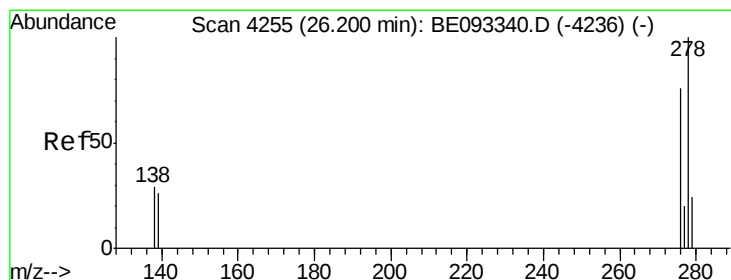
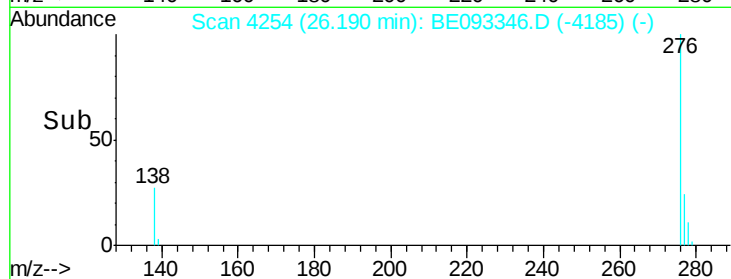
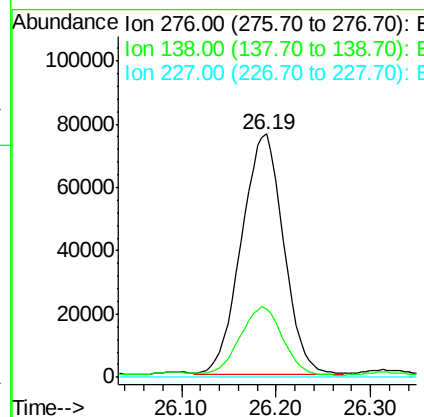
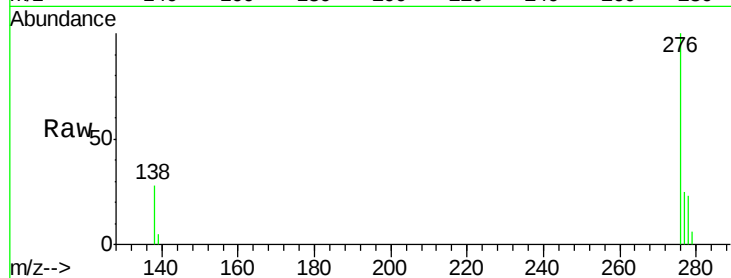
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.088 ng/ul m
 RT: 26.19 min Scan# 4254
 Delta R.T. 0.01 min
 Lab File: BE093346.D
 Acq: 23 Jun 2017 20:46

Instrument :
 BNA_E
 ClientSampleId :
 F5A09

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	3.0	28.0	42.0#
227	0.0	8.0	12.0#

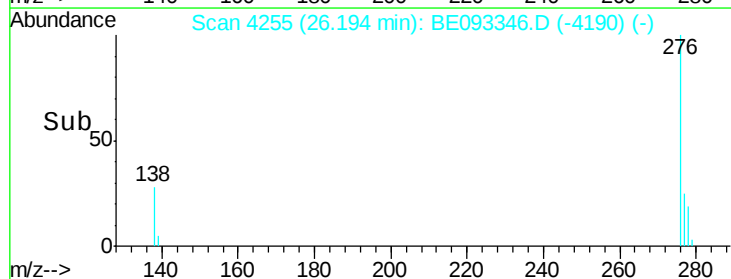
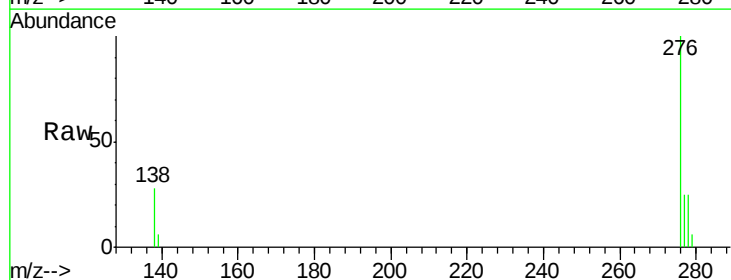
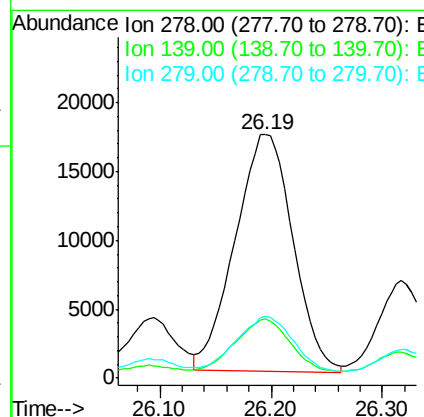
Manual Integrations
 APPROVED

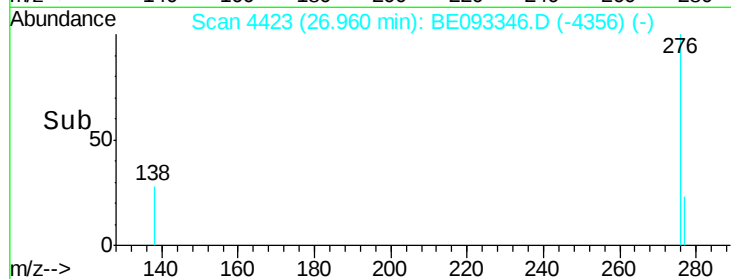
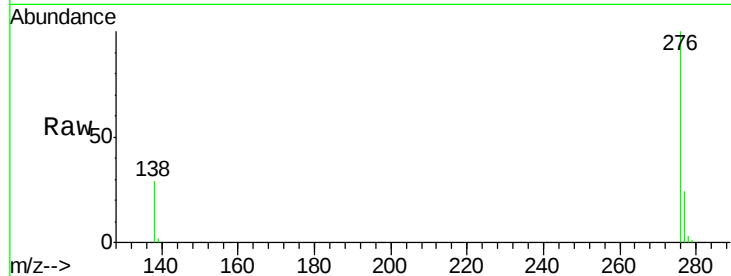
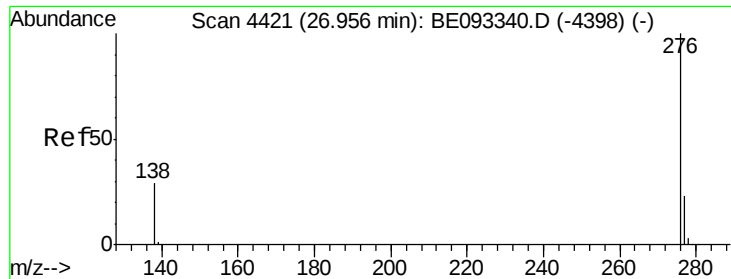
mohammad
 6/29/2017 8:33:18 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.907 ng/ul m
 RT: 26.19 min Scan# 4255
 Delta R.T. -0.01 min
 Lab File: BE093346.D
 Acq: 23 Jun 2017 20:46

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	24.1	17.4	26.0
279	25.3	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 5.135 ng/ul

RT: 26.96 min Scan# 4423

Delta R.T. 0.00 min

Lab File: BE093346.D

Acq: 23 Jun 2017 20:46

Instrument :

BNA_E

ClientSampleId :

F5A09

Tgt	Ion	276	Resp:	171163
Ion	Ratio	Lower	Upper	
276	100			
138	28.9	21.8	32.8	
277	24.0	20.5	30.7	

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:18 AM

