

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
 Data File : BE093362.D
 Acq On : 24 Jun 2017 15:19
 Operator : SJ/JU
 Sample : I3627-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B42

Manual Integrations
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mohammad
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Quant Time: Jun 26 01:47:31 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 01:13:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1392	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7404	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4788	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11269	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12242	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	11096m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3072	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9087	0.30	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	11210	0.610	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	2126	0.169	ng/ul	98
7) Acenaphthylene	14.08	152	103425	5.034	ng/ul	95
8) Acenaphthene	14.42	153	2810	0.170	ng/ul	93
9) Fluorene	15.42	166	3740	0.192	ng/ul	93
12) Phenanthrene	17.14	178	49336	1.591	ng/ul#	90
13) Anthracene	17.22	178	111739	4.139	ng/ul#	88
15) Fluoranthene	19.15	202	411931	10.833	ng/ul	84
17) Pyrene	19.52	202	948999	26.286	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	403804	12.366	ng/ul#	84
19) Chrysene	21.30	228	654884	19.333	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1456298	43.248	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	502671m	14.055	ng/ul	
23) Benzo(a)pyrene	23.57	252	874850m	27.477	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.20	276	596772m	16.187	ng/ul	
25) Dibenzo(a,h)anthracene	26.21	278	165090m	5.318	ng/ul	
26) Benzo(g,h,i)perylene	26.99	276	443022	14.013	ng/ul	96

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

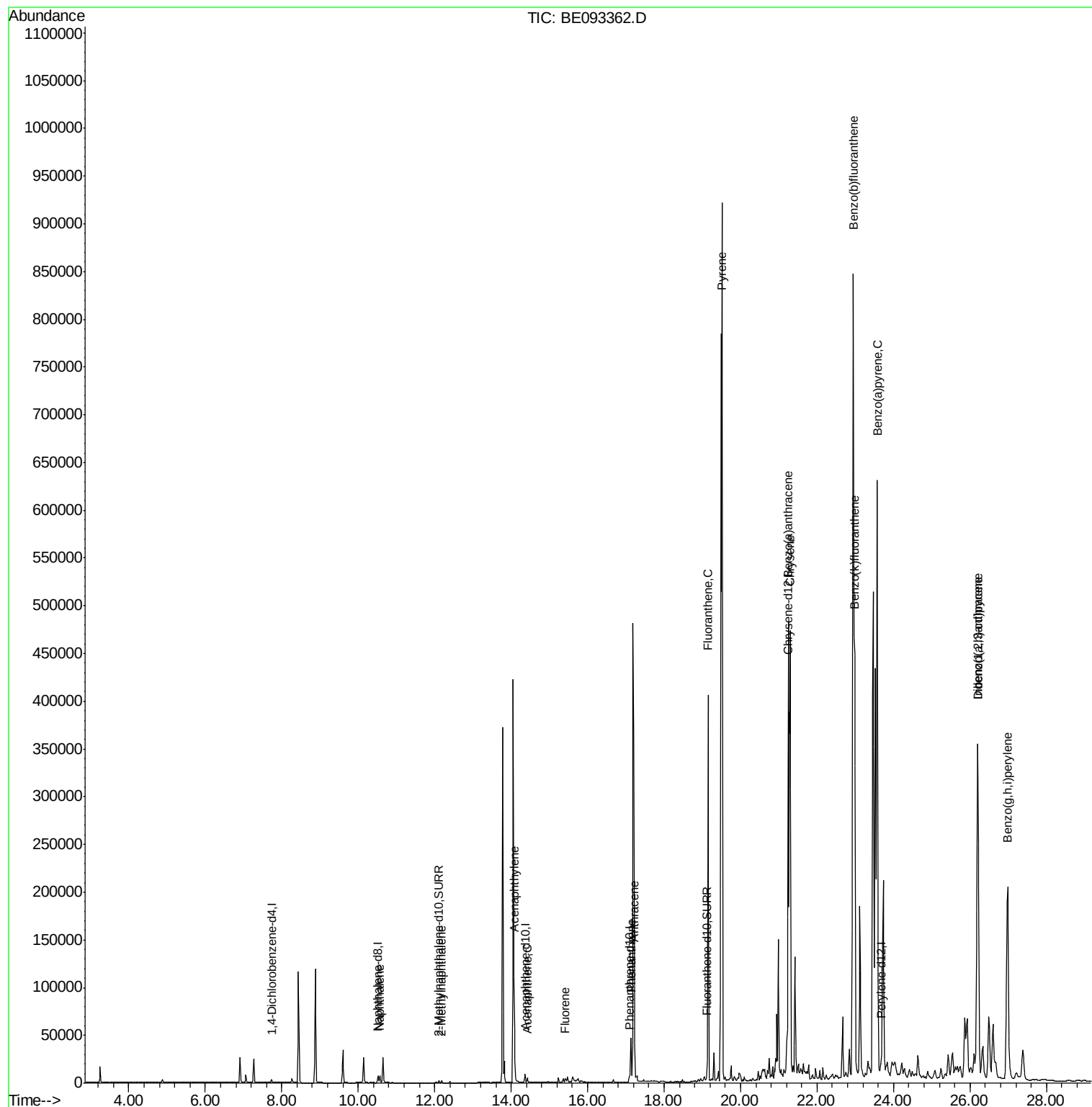
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093362.D
Acq On : 24 Jun 2017 15:19
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Sample : I3627-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

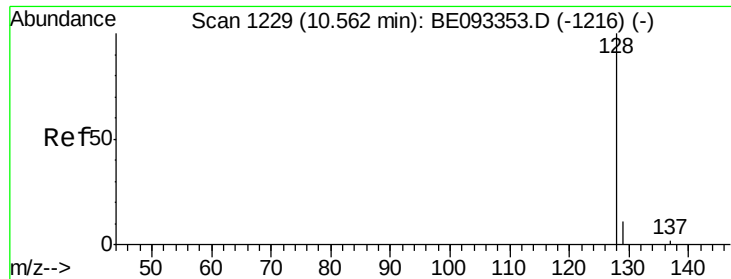
Instrument :
BNA_E
ClientSampleId :
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#3

Naphthalene

Concen: 0.610 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Instrument :

BNA_E

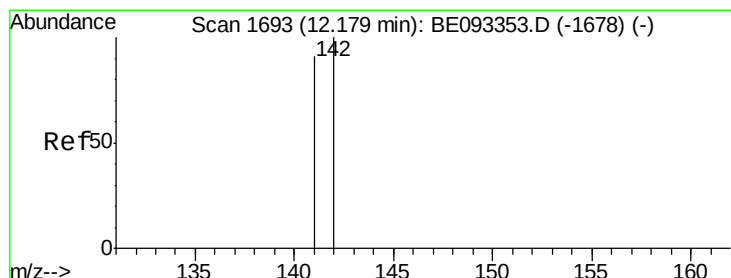
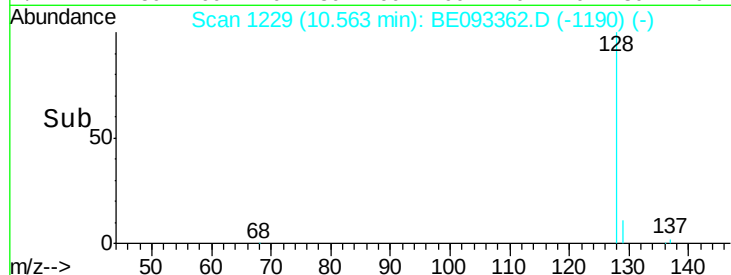
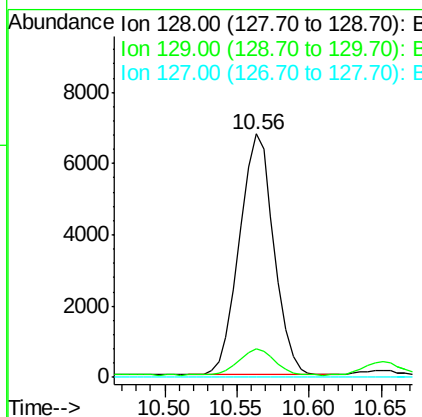
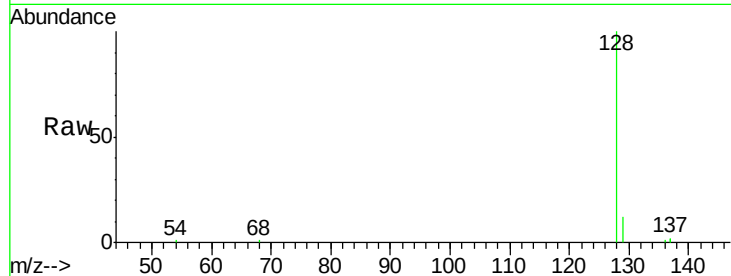
ClientSampleId :

F5B42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.169 ng/ul

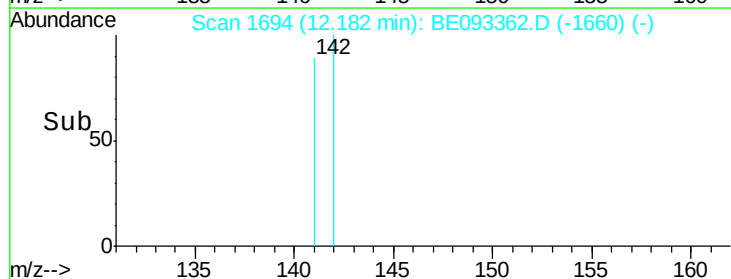
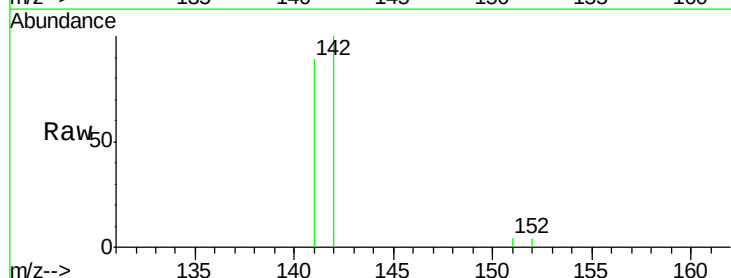
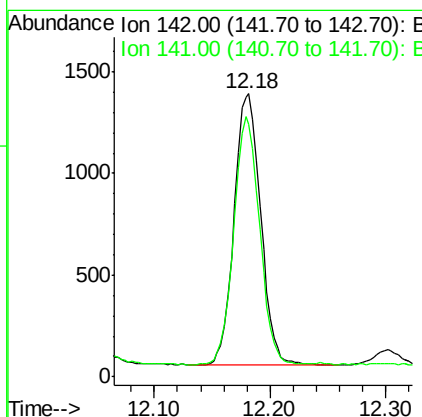
RT: 12.18 min Scan# 1694

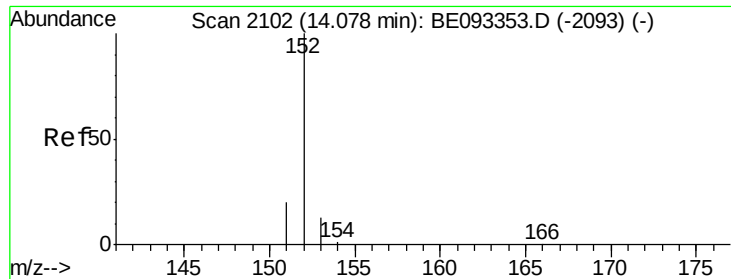
Delta R.T. 0.00 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 5.034 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Instrument :

BNA_E

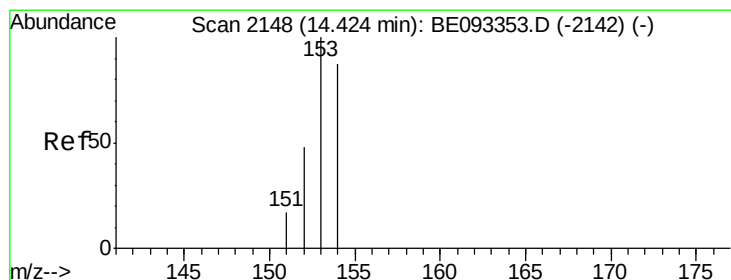
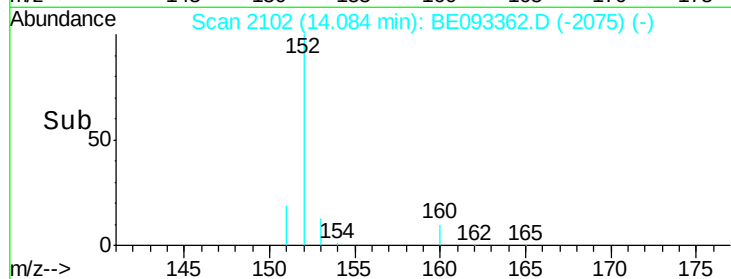
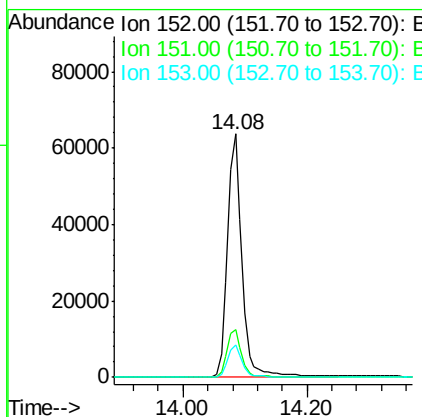
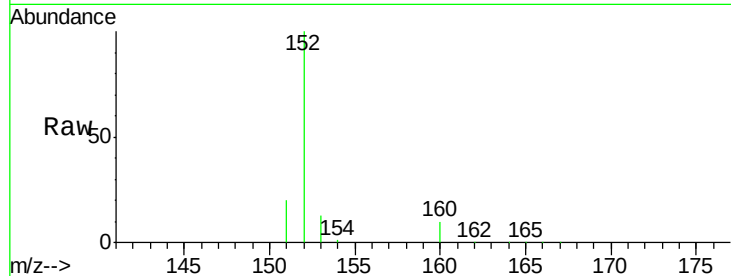
ClientSampleId :

F5B42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.1	25.7
153	13.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.170 ng/ul

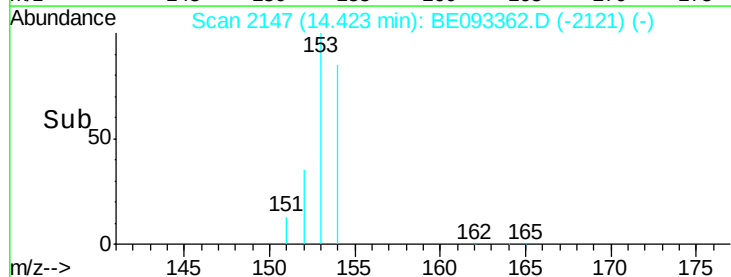
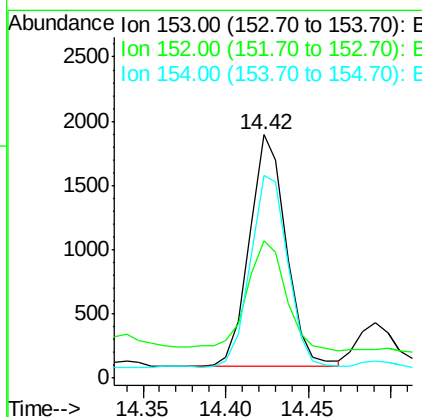
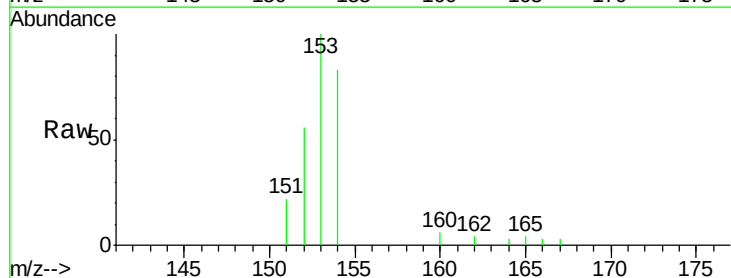
RT: 14.42 min Scan# 2147

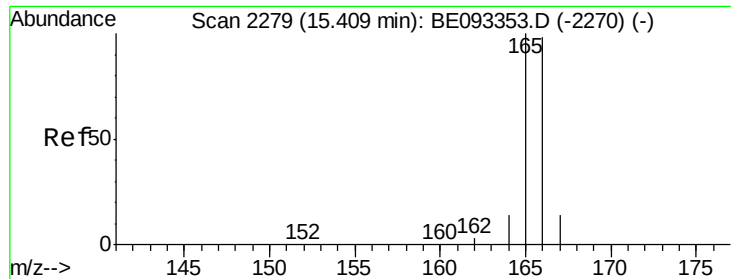
Delta R.T. -0.00 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.5	40.3	60.5
154	83.4	71.4	107.2





#9

Fluorene

Concen: 0.192 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Instrument :

BNA_E

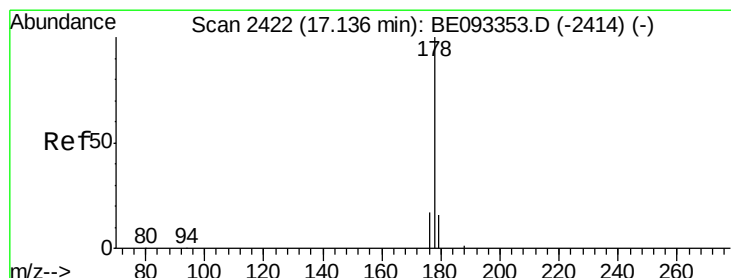
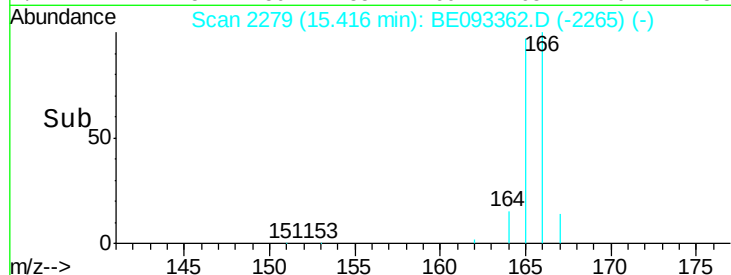
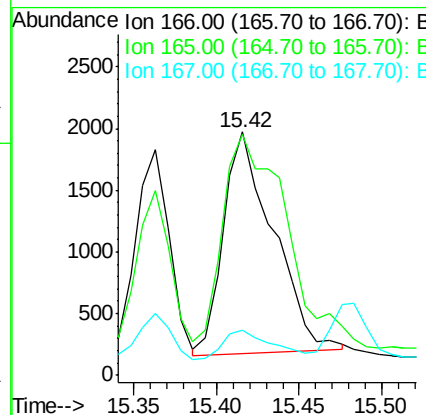
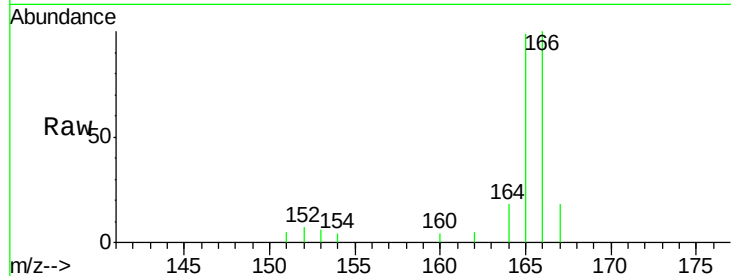
ClientSampleId :

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Tgt Ion:	166	Resp:	3740
Ion Ratio	Lower	Upper	
166	100		
165	99.2	73.4	110.2
167	18.5	14.6	22.0

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#12

Phenanthrene

Concen: 1.591 ng/ul

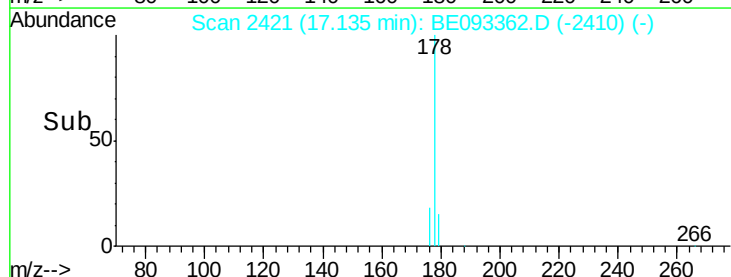
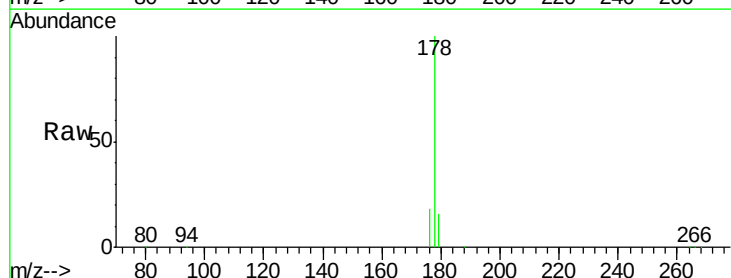
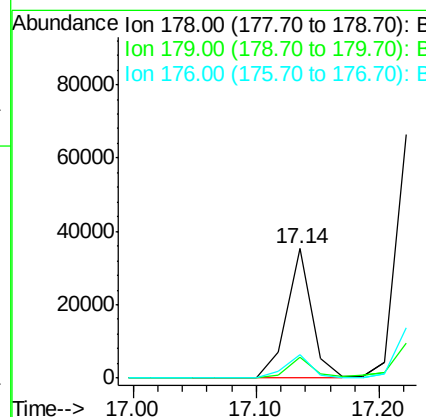
RT: 17.14 min Scan# 2421

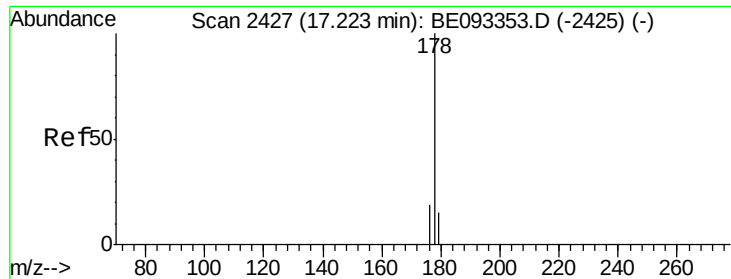
Delta R.T. -0.00 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Tgt Ion:	178	Resp:	49336
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	18.5	13.6	20.4





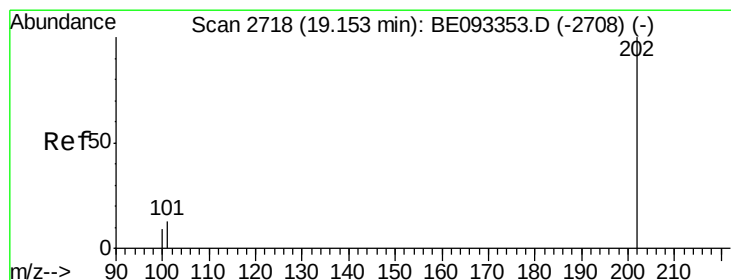
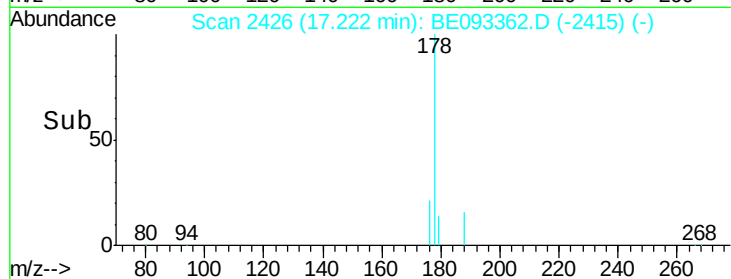
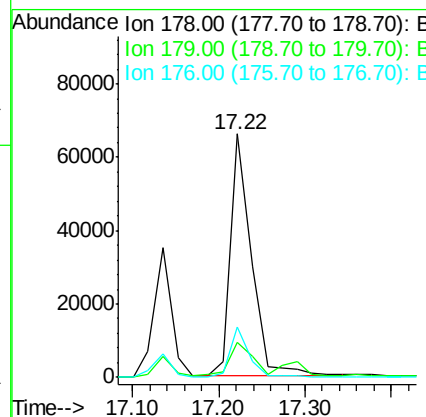
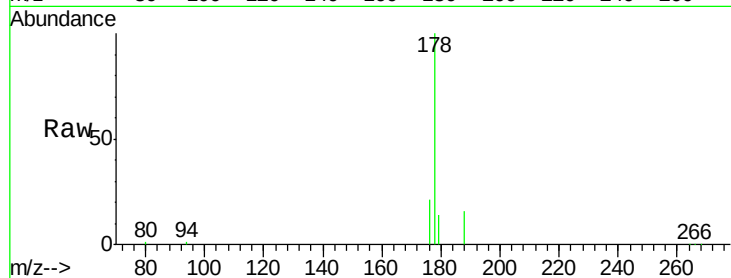
#13
 Anthracene
 Concen: 4.139 ng/ul
 RT: 17.22 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BE093362.D
 Acq: 24 Jun 2017 15:19

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:178 Resp: 111739
 Ion Ratio Lower Upper
 178 100
 179 14.2 18.1 27.1#
 176 20.6 14.7 22.1

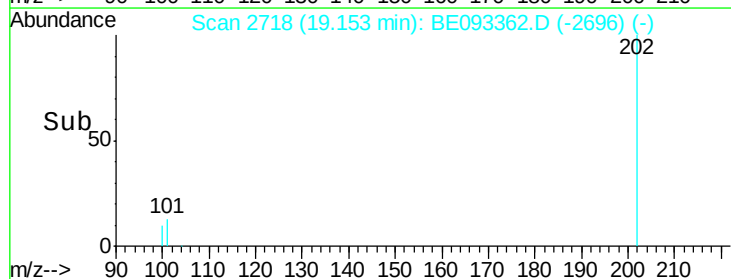
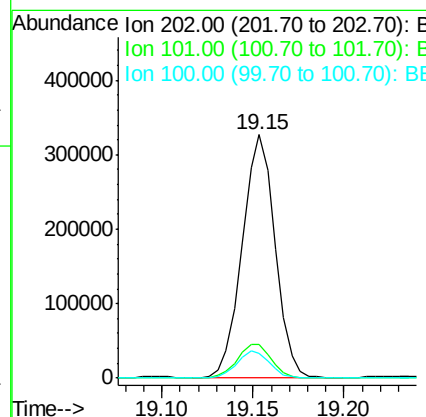
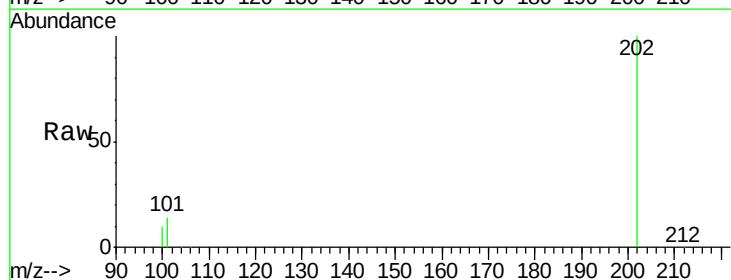
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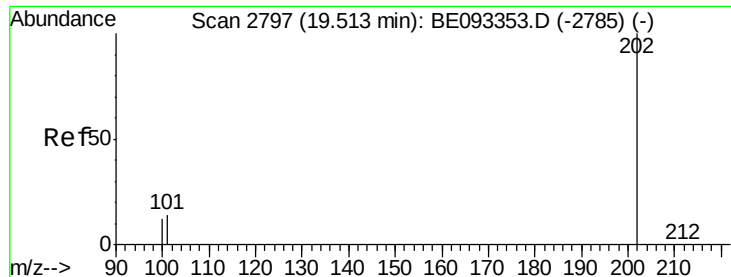
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#15
 Fluoranthene
 Concen: 10.833 ng/ul
 RT: 19.15 min Scan# 2718
 Delta R.T. 0.00 min
 Lab File: BE093362.D
 Acq: 24 Jun 2017 15:19

Tgt Ion:202 Resp: 411931
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 30.3
 100 10.3 0.0 39.5





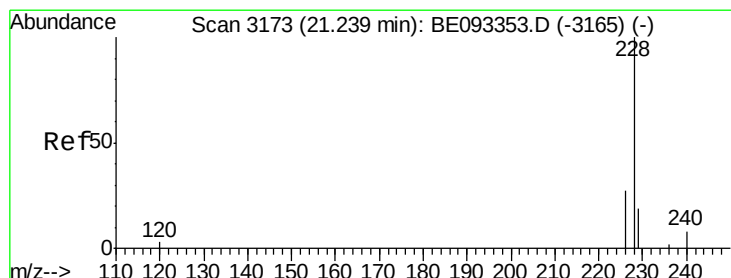
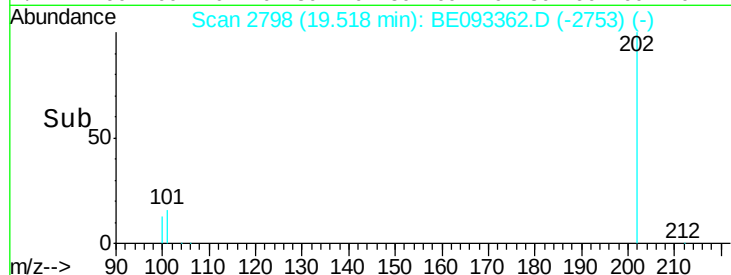
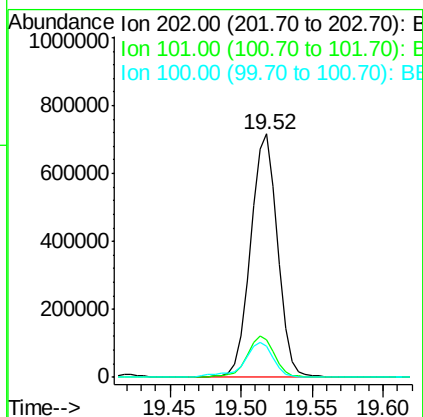
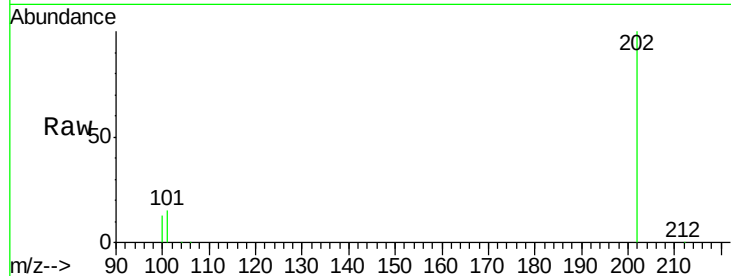
#17
Pyrene
 Concen: 26.286 ng/ul
 RT: 19.52 min Scan# 2798
 Delta R.T. 0.01 min
 Lab File: BE093362.D
 Acq: 24 Jun 2017 15:19

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.5	18.2	27.4#
100	12.5	15.6	23.4#

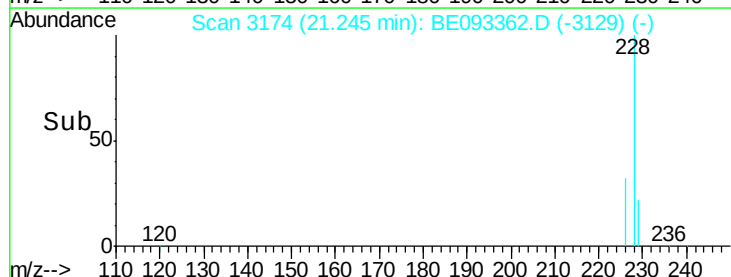
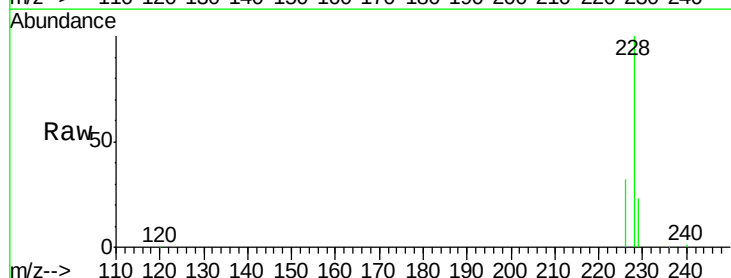
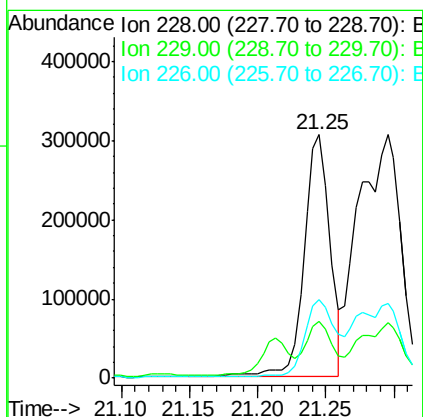
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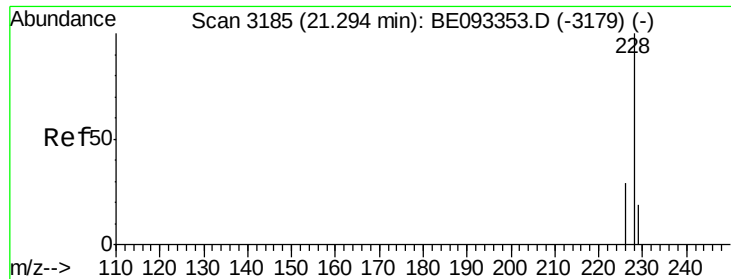
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#18
Benzo(a)anthracene
 Concen: 12.366 ng/ul
 RT: 21.25 min Scan# 3174
 Delta R.T. 0.01 min
 Lab File: BE093362.D
 Acq: 24 Jun 2017 15:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.2	22.8	34.2
226	32.4	17.0	25.6#





#19

Chrysene

Concen: 19.333 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Instrument :

BNA_E

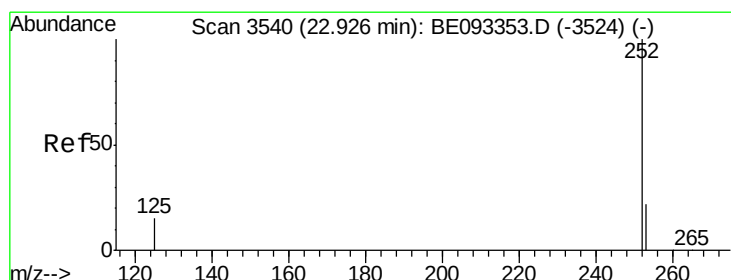
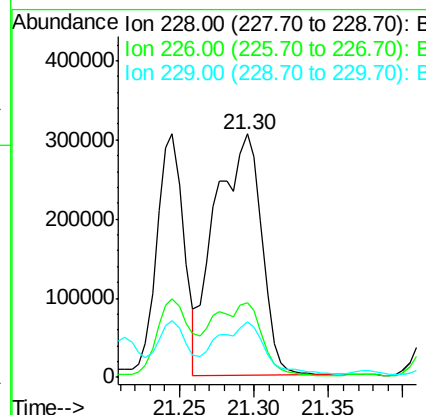
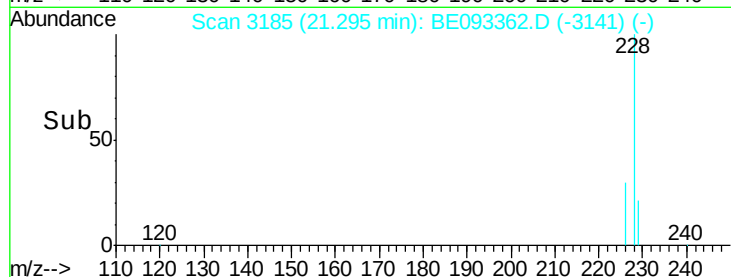
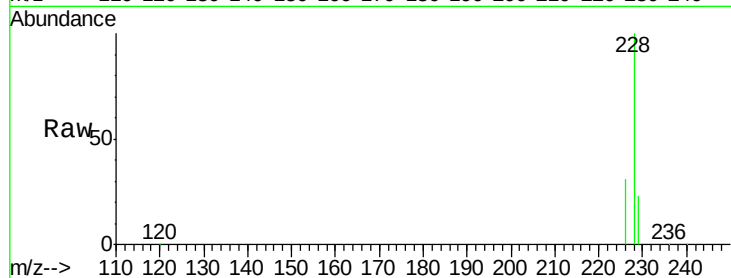
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Tgt Ion:	228	Resp:	654884
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	22.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 43.248 ng/ul

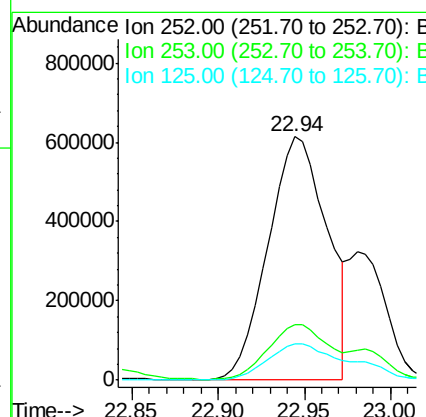
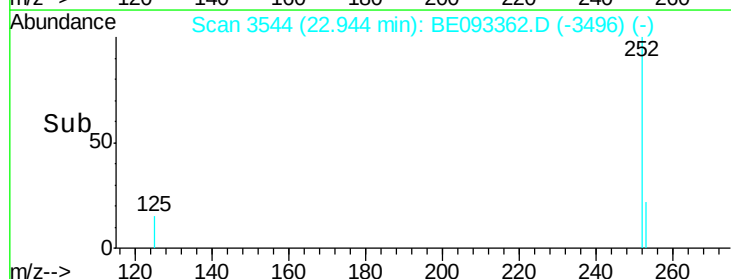
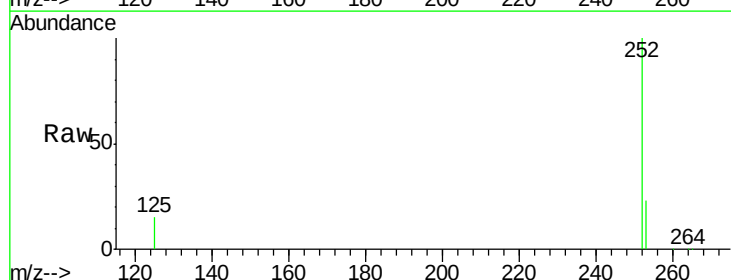
RT: 22.94 min Scan# 3544

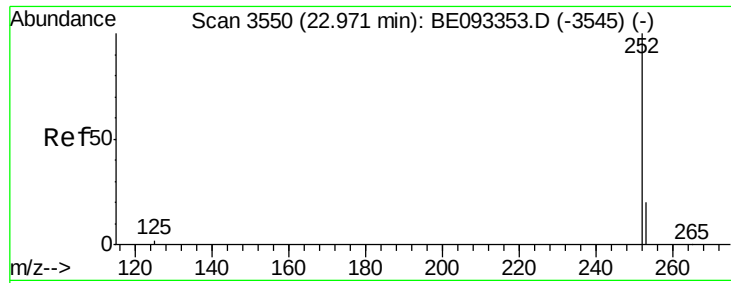
Delta R.T. 0.02 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Tgt Ion:	252	Resp:	1456298
Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	64.2
125	14.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 14.055 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Instrument :

BNA_E

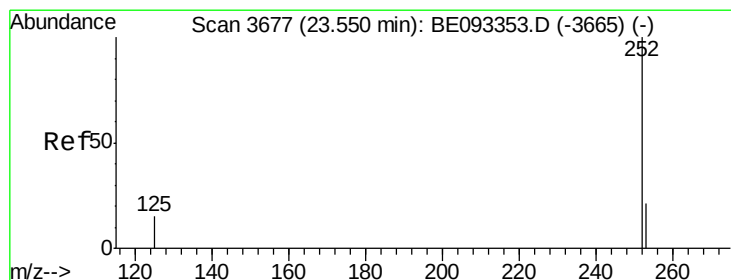
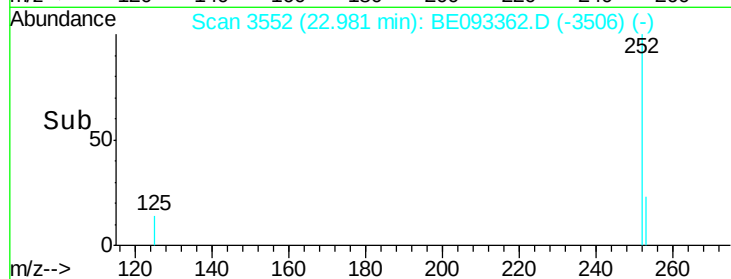
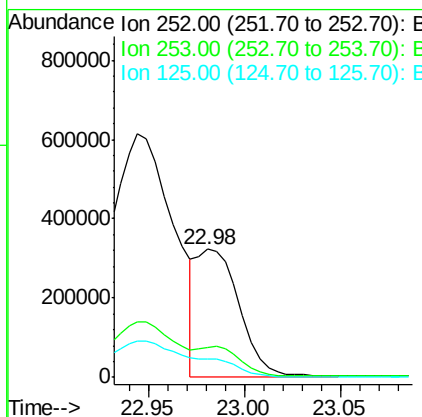
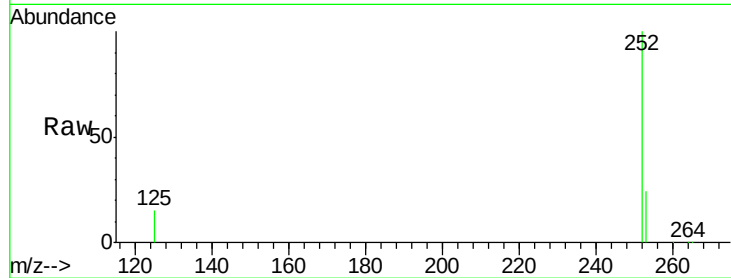
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	14.8	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 27.477 ng/ul m

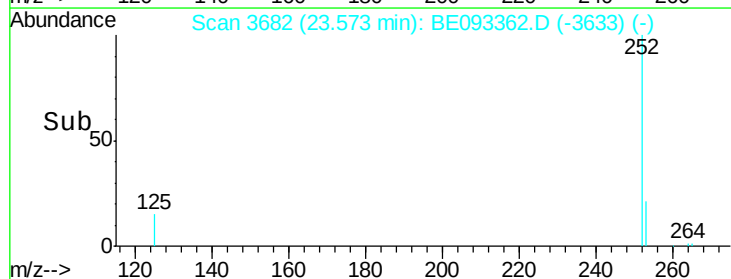
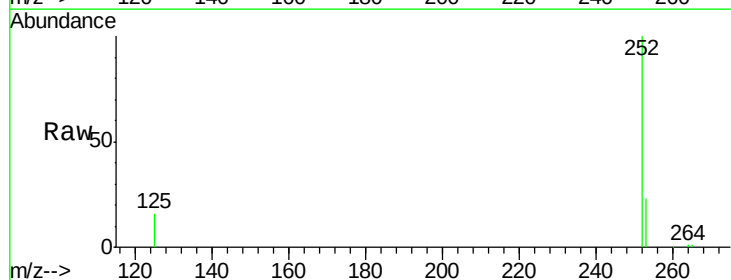
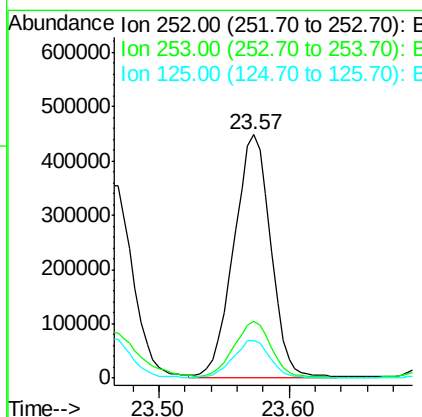
RT: 23.57 min Scan# 3682

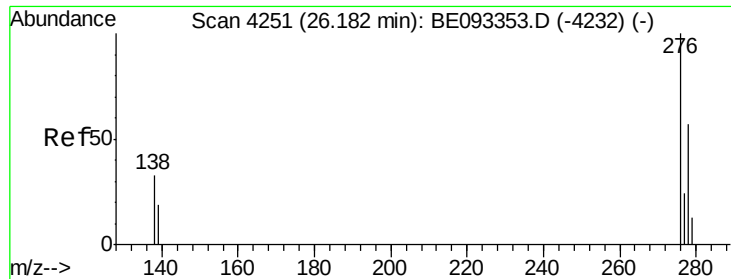
Delta R.T. 0.02 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	15.6	18.1	27.1#





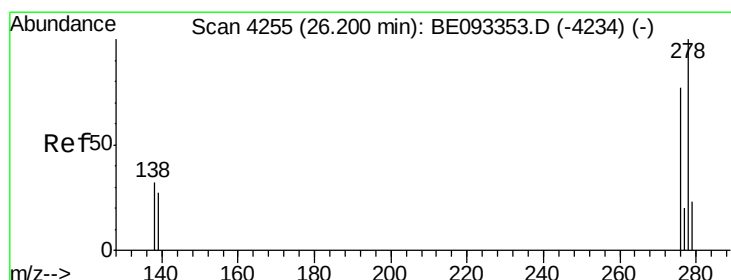
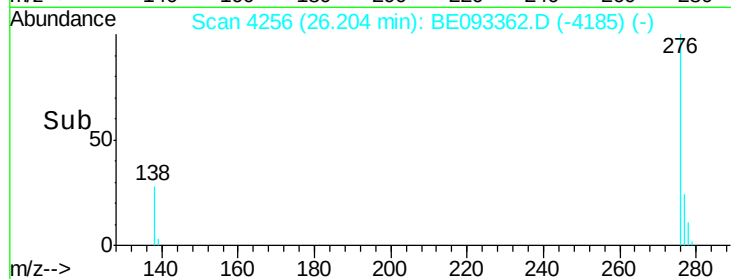
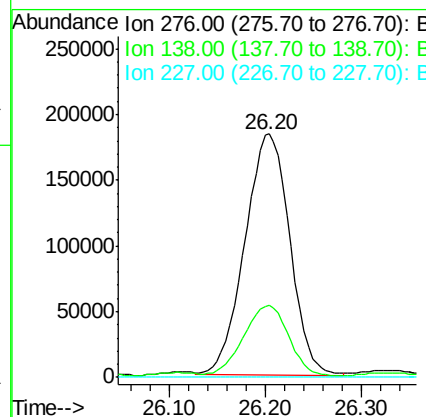
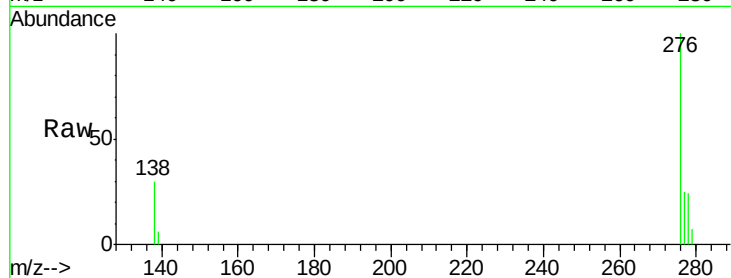
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 16.187 ng/ul m
 RT: 26.20 min Scan# 4256
 Delta R.T. 0.02 min
 Lab File: BE093362.D
 Acq: 24 Jun 2017 15:19

Instrument :
 BNA_E
 ClientSampleId :
 F5B42

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

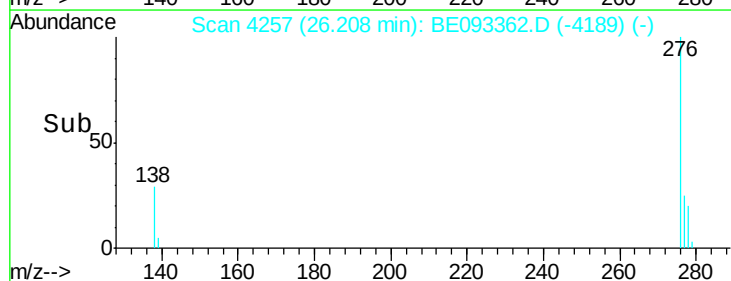
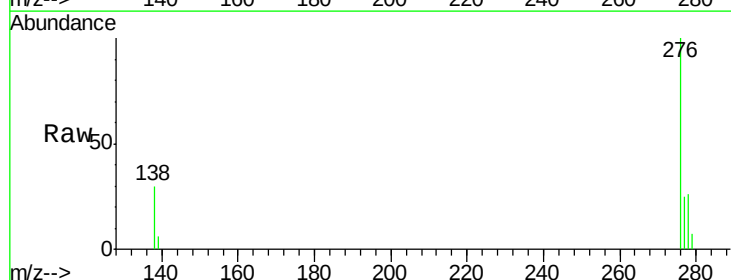
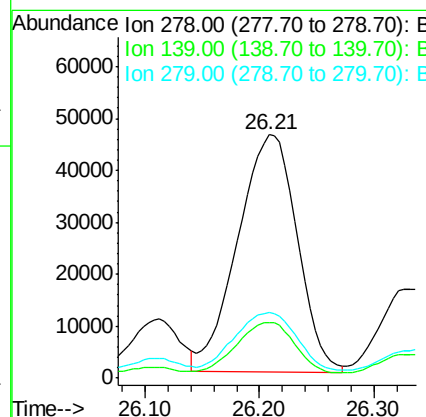
Manual Integrations
 APPROVED

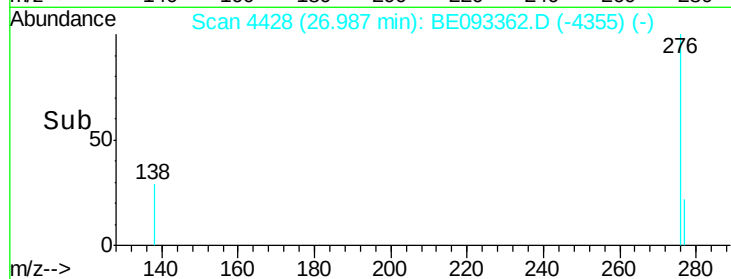
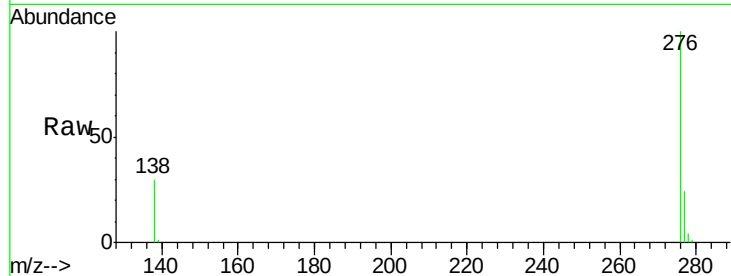
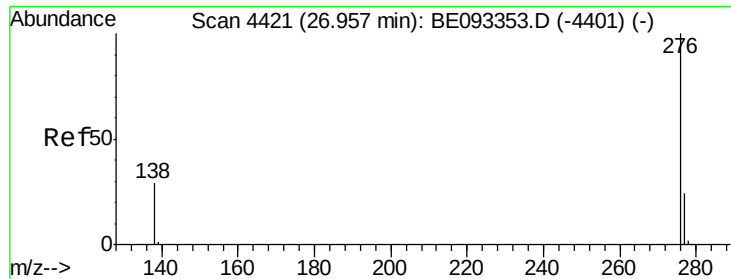
mohammad
 6/29/2017 8:34:18 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 5.318 ng/ul m
 RT: 26.21 min Scan# 4257
 Delta R.T. 0.01 min
 Lab File: BE093362.D
 Acq: 24 Jun 2017 15:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	23.0	17.4	26.0
279	26.9	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 14.013 ng/ul

RT: 26.99 min Scan# 4428

Delta R.T. 0.03 min

Lab File: BE093362.D

Acq: 24 Jun 2017 15:19

Instrument :

BNA_E

ClientSampleId :

F5B42

Tgt	Ion	276	Resp	443022
Ion	Ratio	Lower	Upper	
276	100			
138	29.6	21.8	32.8	
277	24.2	20.5	30.7	

Manual Integrations
APPROVED

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6/29/2017 8:34:18 AM

