

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093272.D
 Acq On : 20 Jun 2017 4:24
 Operator : SJ/MA
 Sample : I3599-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D37

Manual Integrations
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Quant Time: Jun 20 09:37:29 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2319	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	11748	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	7109	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	16657	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	17728	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	18980	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2790	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	7509	0.17	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	77626	2.663	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	14505	0.728	ng/ul	99
7) Acenaphthylene	14.09	152	164104	5.379	ng/ul	95
8) Acenaphthene	14.42	153	14584	0.593	ng/ul	97
9) Fluorene	15.42	166	18231	0.632	ng/ul	93
12) Phenanthrene	17.14	178	212386	4.634	ng/ul#	88
13) Anthracene	17.22	178	314915	7.892	ng/ul#	87
15) Fluoranthene	19.16	202	1823420	32.443	ng/ul	83
17) Pyrene	19.52	202	2275431	43.523	ng/ul#	90
18) Benzo(a)anthracene	21.25	228	1175149	24.851	ng/ul#	84
19) Chrysene	21.30	228	1498925	30.557	ng/ul	97
21) Benzo(b)fluoranthene	22.96	252	2599053m	45.123	ng/ul	
22) Benzo(k)fluoranthene	22.99	252	921449m	15.063	ng/ul	
23) Benzo(a)pyrene	23.58	252	1210954	22.235	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.21	276	826069	13.099	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.21	278	246477	4.641	ng/ul	93
26) Benzo(g,h,i)perylene	26.99	276	510577	9.441	ng/ul	97

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

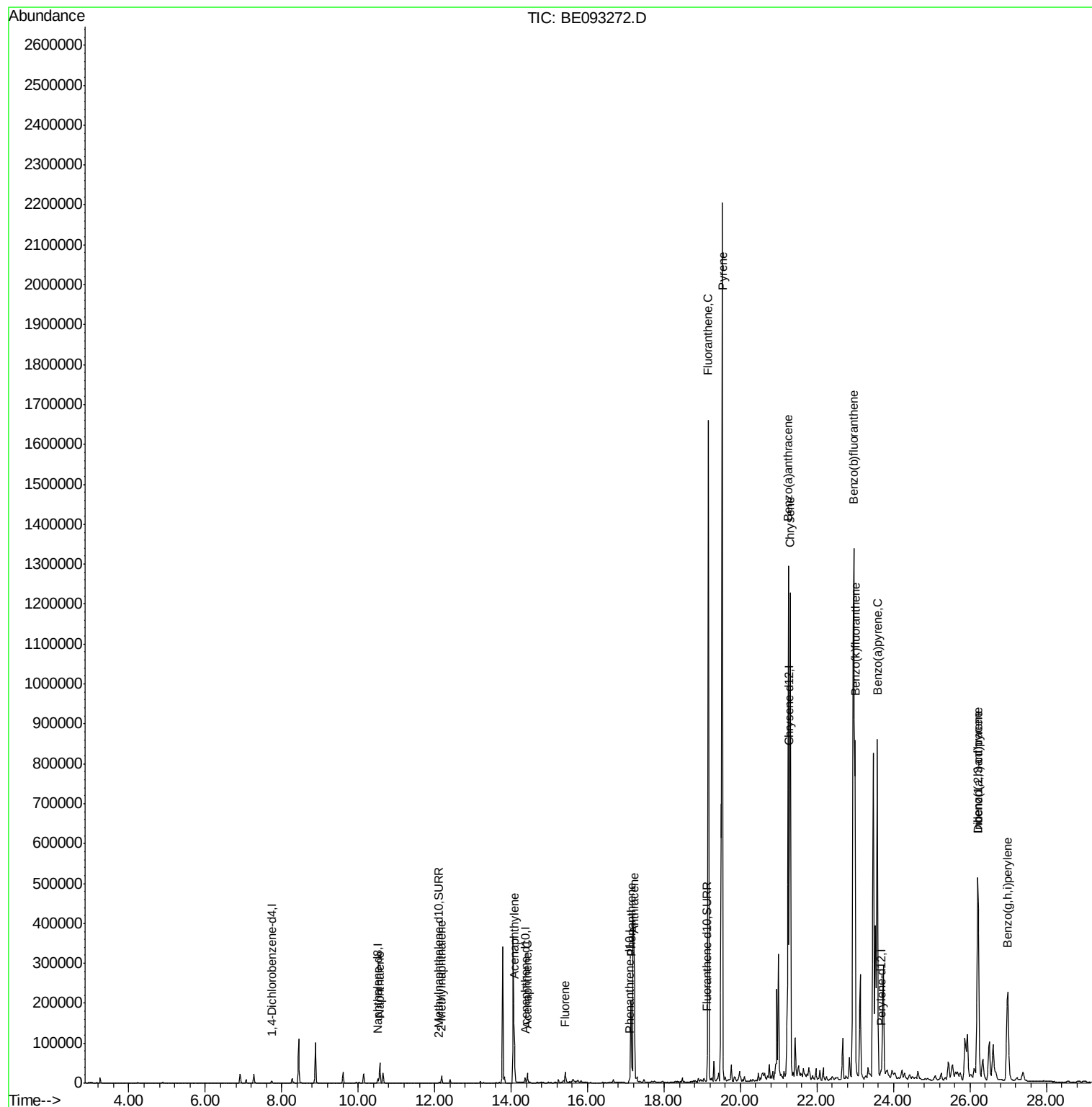
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
Data File : BE093272.D
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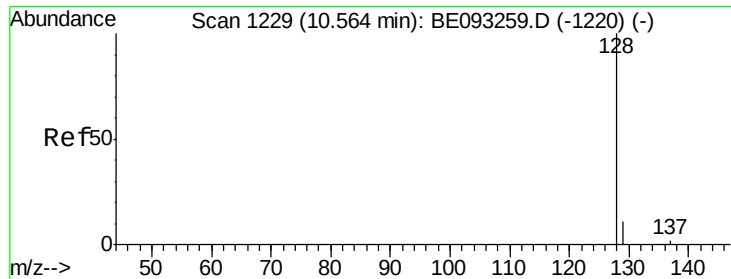
Instrument :
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#3

Naphthalene

Concen: 2.663 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093272.D

Acq: 20 Jun 2017 4:24

Instrument :

BNA_E

ClientSampleId :

F5D37

Tgt Ion:128 Resp: 77626

Ion Ratio Lower Upper

128 100

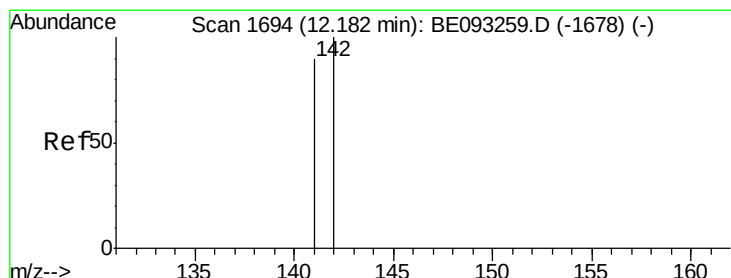
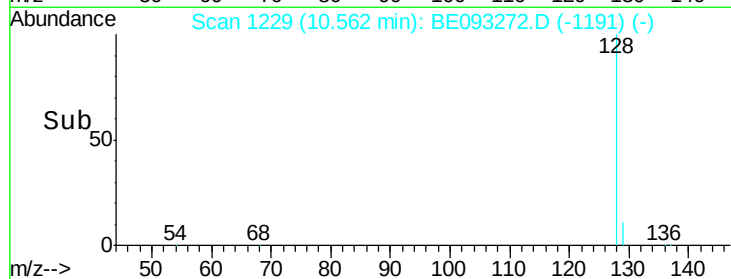
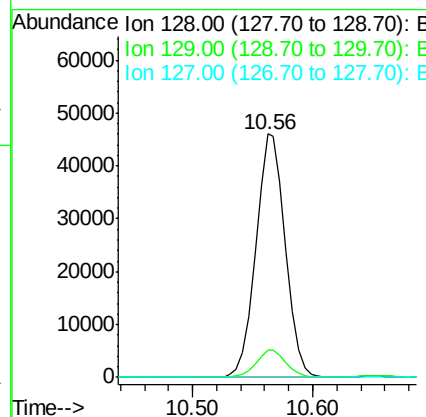
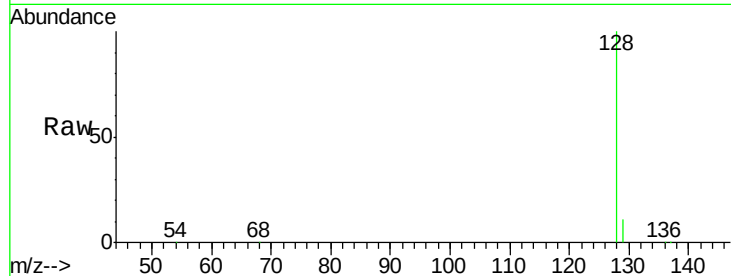
129 11.1 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.728 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093272.D

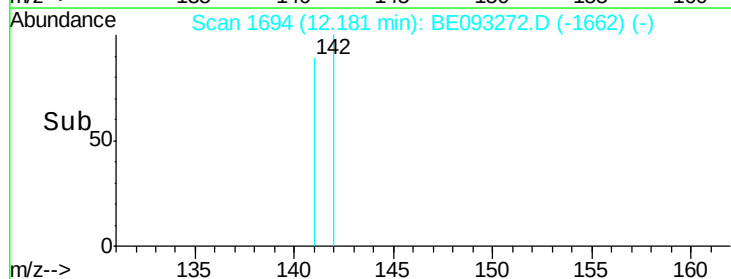
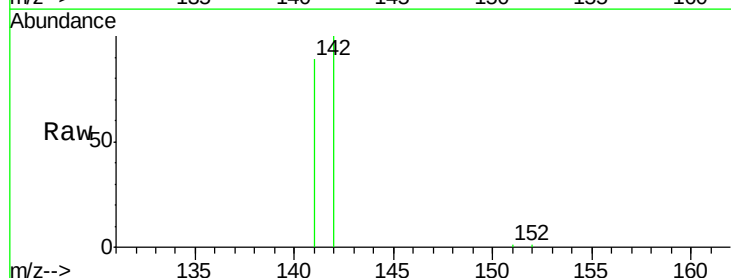
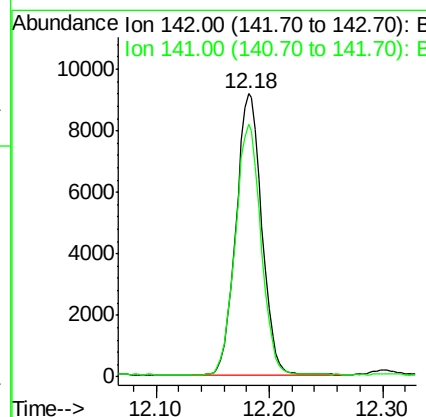
Acq: 20 Jun 2017 4:24

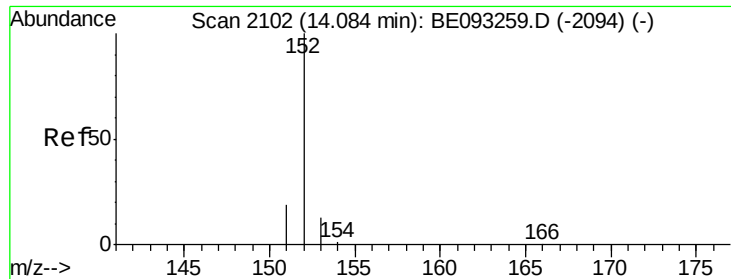
Tgt Ion:142 Resp: 14505

Ion Ratio Lower Upper

142 100

141 89.5 72.6 108.8





#7

Acenaphthylene

Concen: 5.379 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093272.D

Acq: 20 Jun 2017 4:24

Instrument :

BNA_E

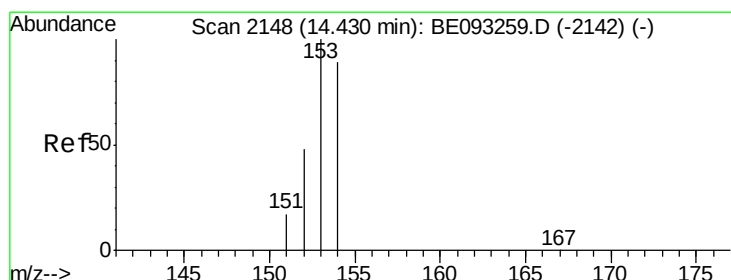
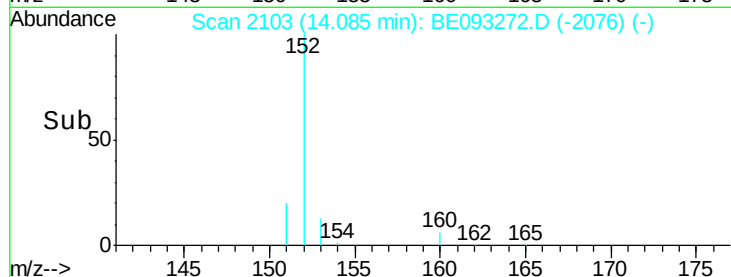
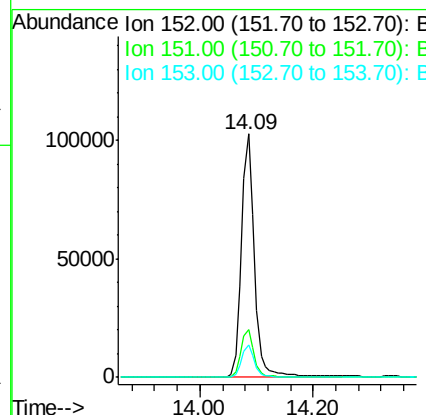
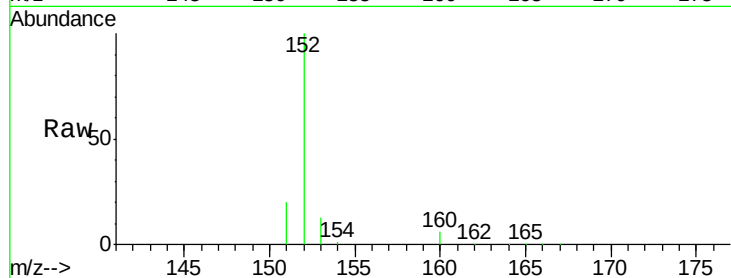
ClientSampled :

F5D37

Tgt Ion:	152	Resp:	164104
Ion Ratio	Lower	Upper	
152	100		
151	19.6	17.1	25.7
153	13.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.593 ng/ul

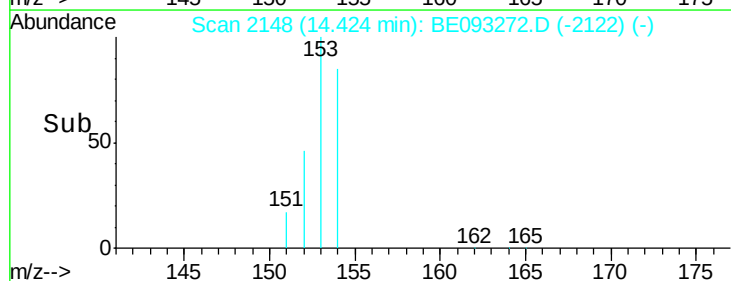
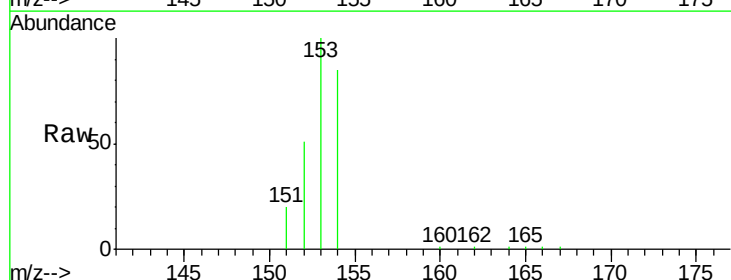
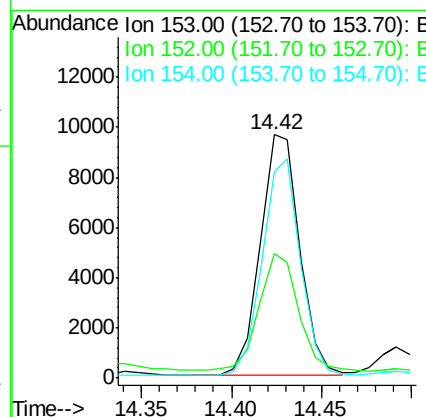
RT: 14.42 min Scan# 2148

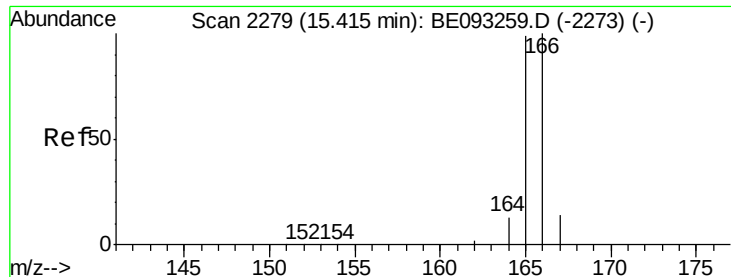
Delta R.T. -0.01 min

Lab File: BE093272.D

Acq: 20 Jun 2017 4:24

Tgt Ion:	153	Resp:	14584
Ion Ratio	Lower	Upper	
153	100		
152	51.3	40.3	60.5
154	84.9	71.4	107.2





#9

Fluorene

Concen: 0.632 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093272.D

Acq: 20 Jun 2017 4:24

Instrument :

BNA_E

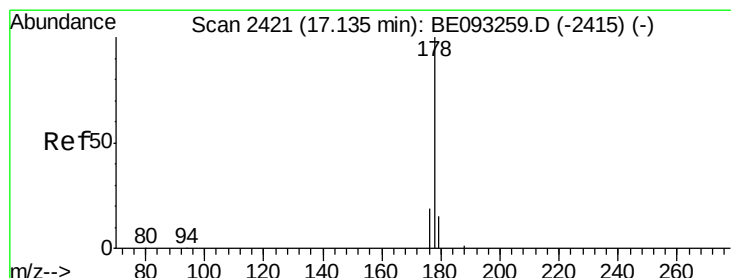
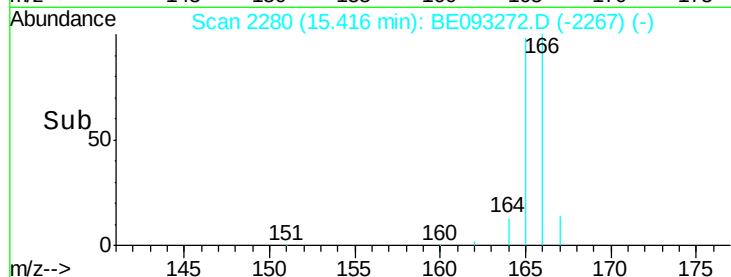
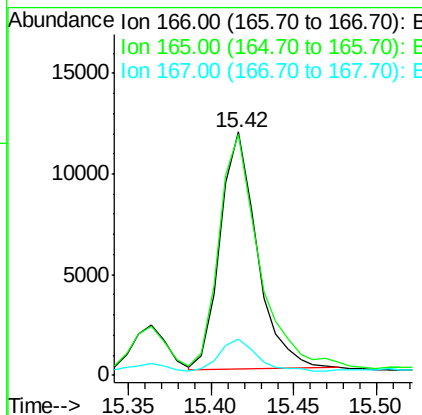
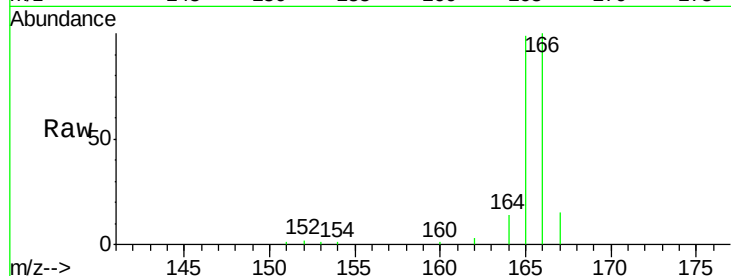
ClientSampleId :

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Tgt Ion:	166	Resp:	18231
Ion Ratio	Lower	Upper	
166	100		
165	98.9	73.4	110.2
167	15.0	14.6	22.0

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#12

Phenanthrene

Concen: 4.634 ng/ul

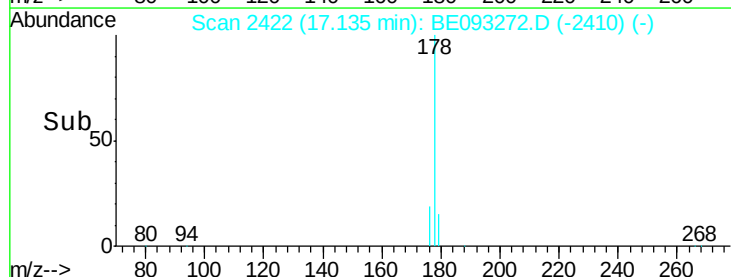
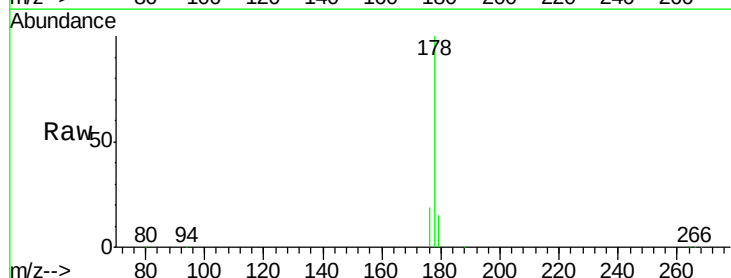
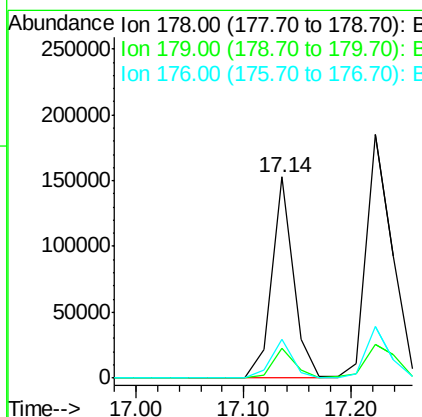
RT: 17.14 min Scan# 2422

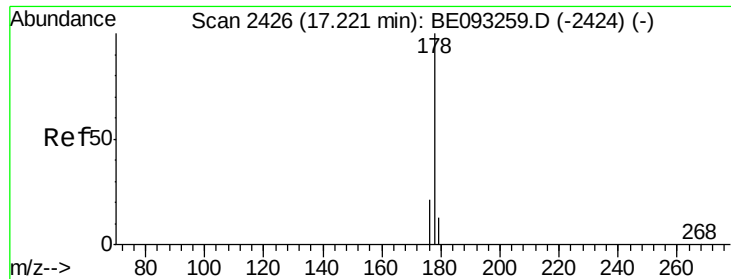
Delta R.T. 0.00 min

Lab File: BE093272.D

Acq: 20 Jun 2017 4:24

Tgt Ion:	178	Resp:	212386
Ion Ratio	Lower	Upper	
178	100		
179	15.1	18.4	27.6#
176	19.4	13.6	20.4





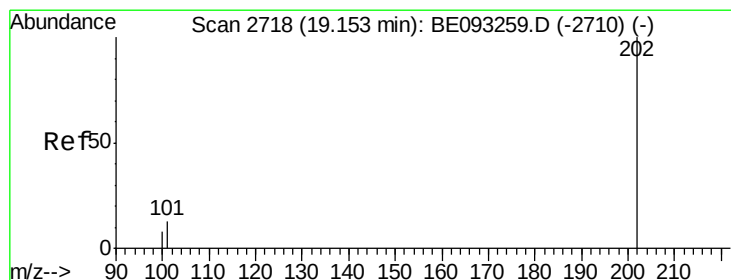
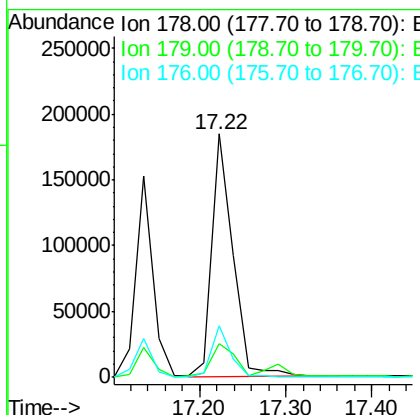
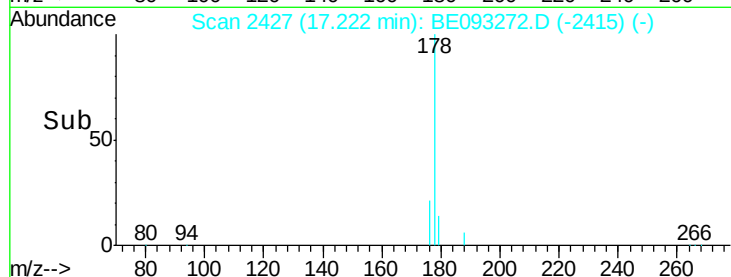
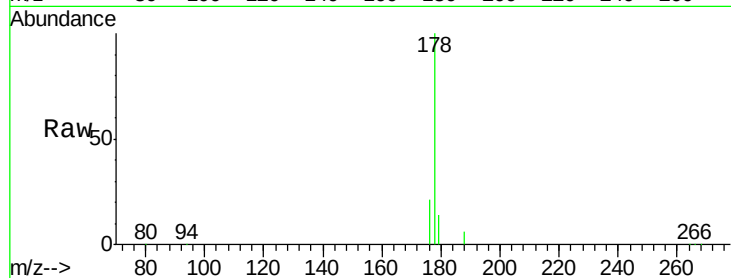
#13
 Anthracene
 Concen: 7.892 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093272.D
 Acq: 20 Jun 2017 4:24

Instrument :
 BNA_E
 ClientSampleId :
 F5D37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.6	18.1	27.1#
176	21.3	14.7	22.1

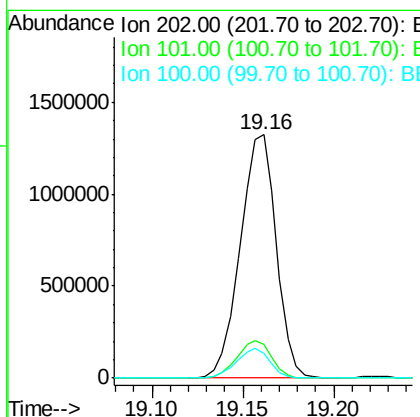
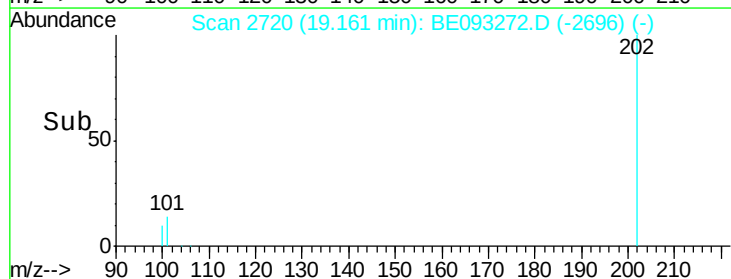
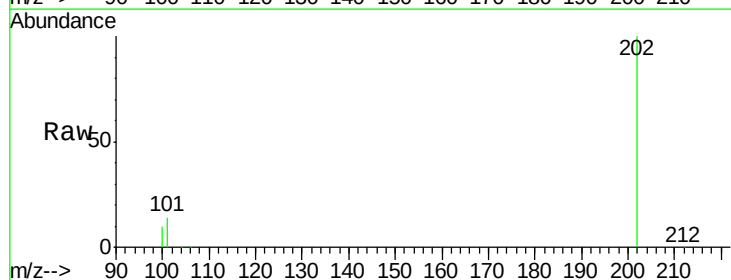
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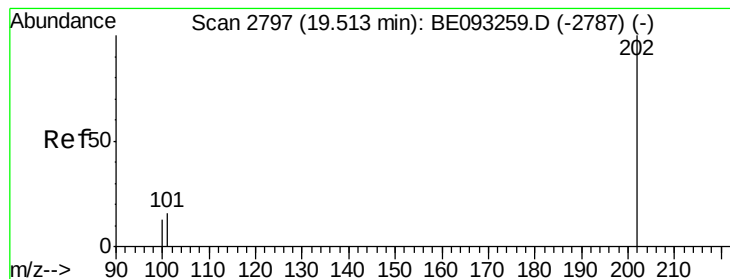
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#15
 Fluoranthene
 Concen: 32.443 ng/ul
 RT: 19.16 min Scan# 2720
 Delta R.T. 0.01 min
 Lab File: BE093272.D
 Acq: 20 Jun 2017 4:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.3
100	10.1	0.0	39.5





#17

Pyrene

Concen: 43.523 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BE093272.D

Acq: 20 Jun 2017 4:24

Instrument :

BNA_E

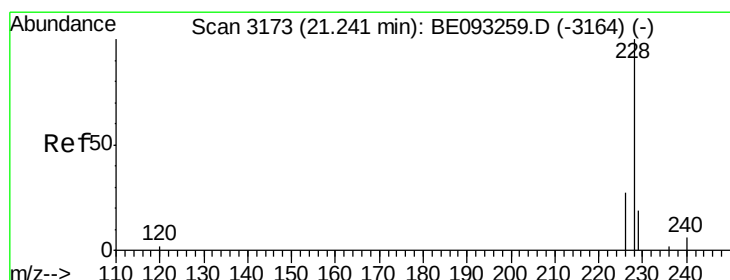
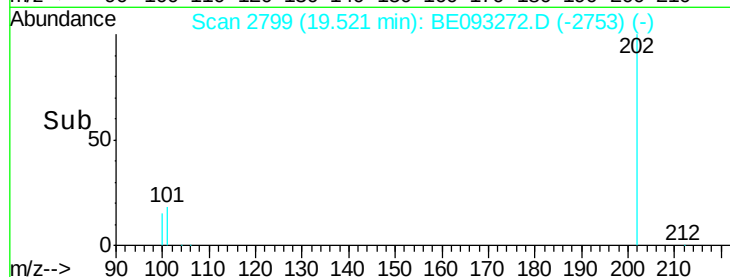
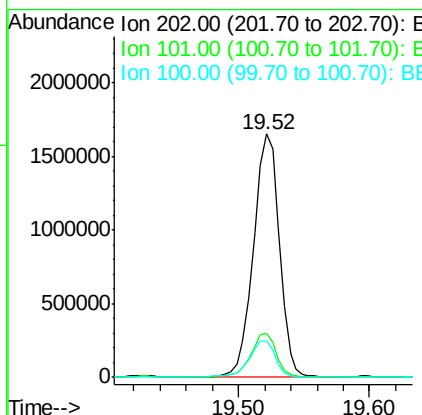
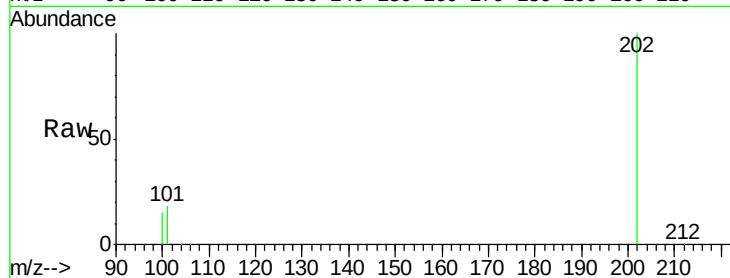
ClientSampleId :

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Tgt Ion:	202	Resp:	2275431
Ion Ratio	Lower	Upper	
202	100		
101	18.0	18.2	27.4#
100	14.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 24.851 ng/ul

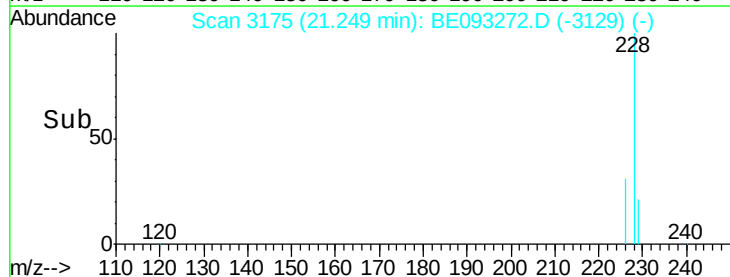
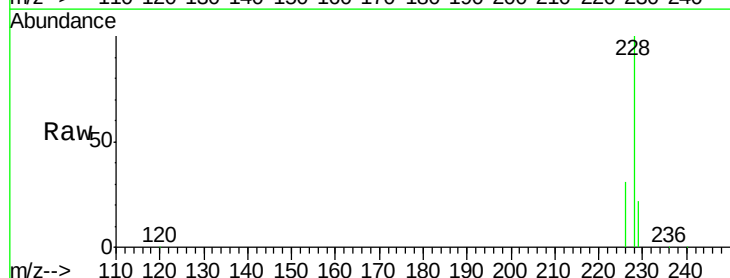
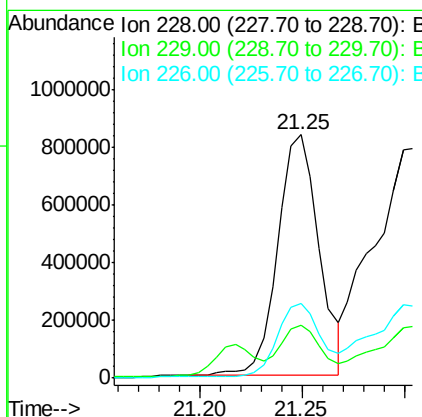
RT: 21.25 min Scan# 3175

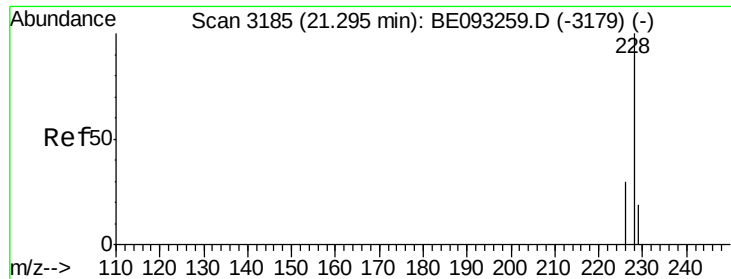
Delta R.T. 0.01 min

Lab File: BE093272.D

Acq: 20 Jun 2017 4:24

Tgt Ion:	228	Resp:	1175149
Ion Ratio	Lower	Upper	
228	100		
229	21.8	22.8	34.2#
226	30.9	17.0	25.6#





#19

Chrysene

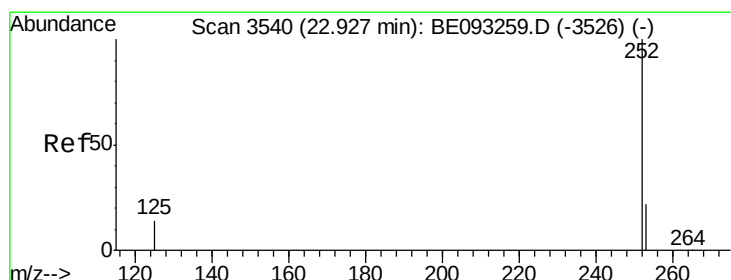
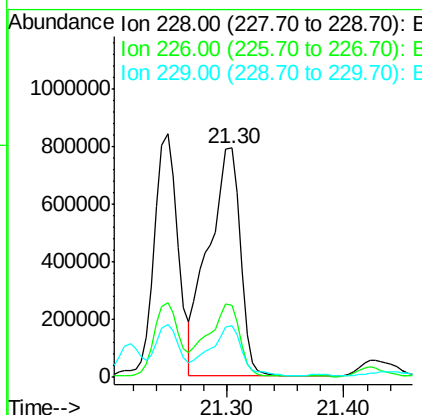
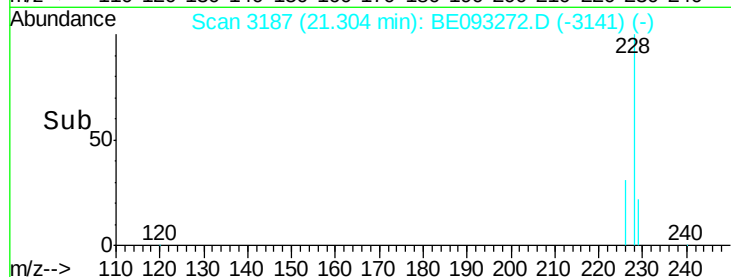
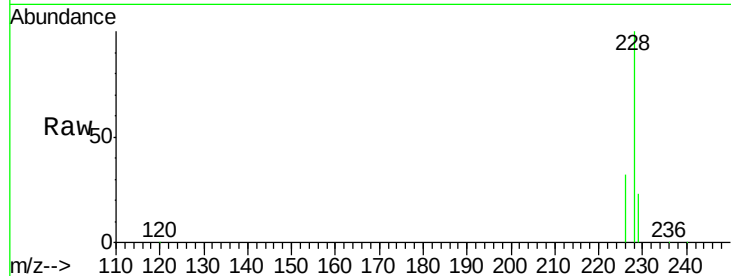
Concen: 30.557 ng/ul
 RT: 21.30 min Scan# 3187
 Delta R.T. 0.01 min
 Lab File: BE093272.D
 Acq: 20 Jun 2017 4:24

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion: 228 Resp: 1498925
 Ion Ratio Lower Upper
 228 100
 226 31.6 23.4 35.0
 229 22.5 17.7 26.5

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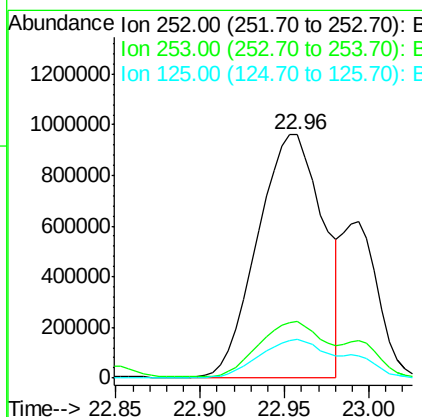
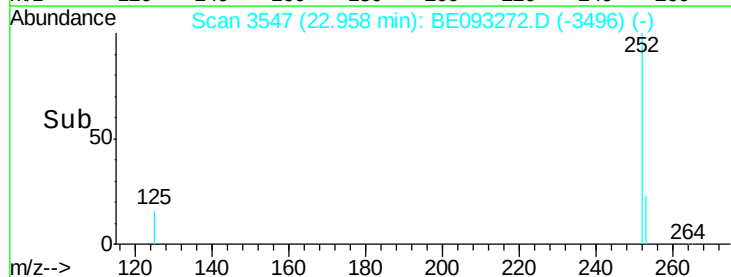
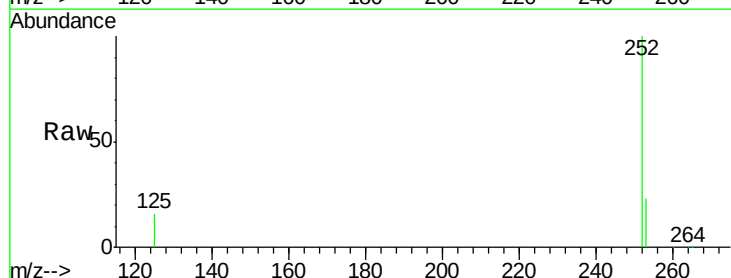


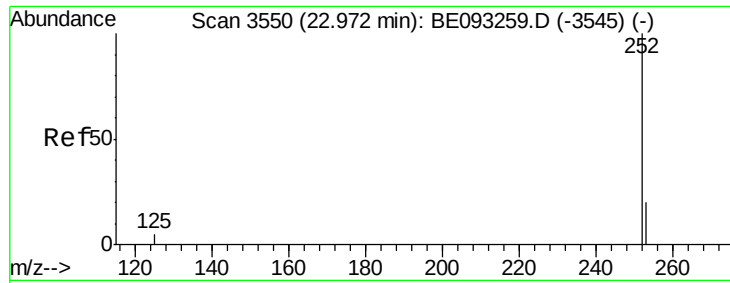
#21

Benzo(b)fluoranthene

Concen: 45.123 ng/ul m
 RT: 22.96 min Scan# 3547
 Delta R.T. 0.03 min
 Lab File: BE093272.D
 Acq: 20 Jun 2017 4:24

Tgt Ion: 252 Resp: 2599053
 Ion Ratio Lower Upper
 252 100
 253 23.1 0.0 64.2
 125 15.8 0.0 35.0





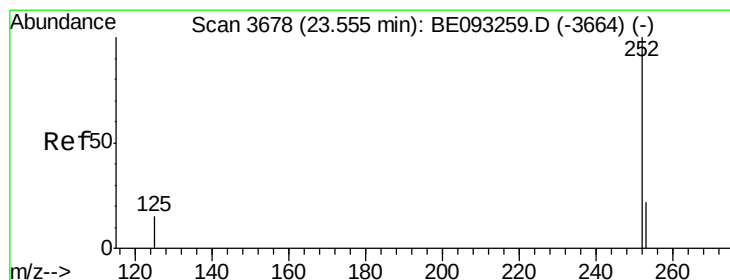
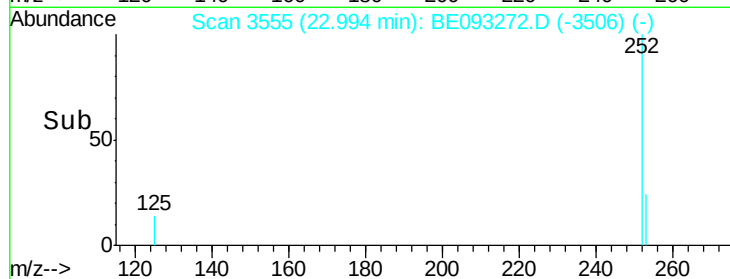
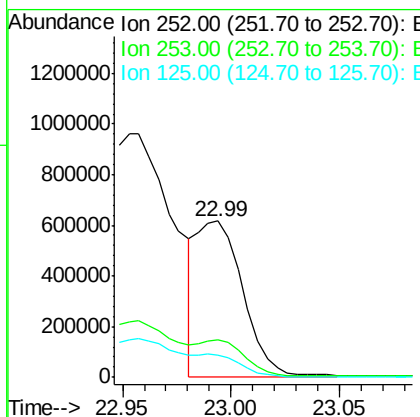
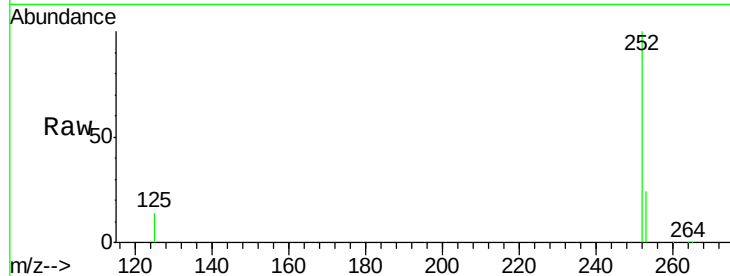
#22
Benzo(k)fluoranthene
Concen: 15.063 ng/ul m
RT: 22.99 min Scan# 3555
Delta R.T. 0.02 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	14.4	13.7	20.5

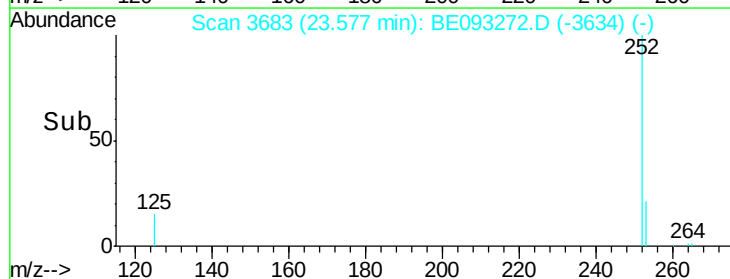
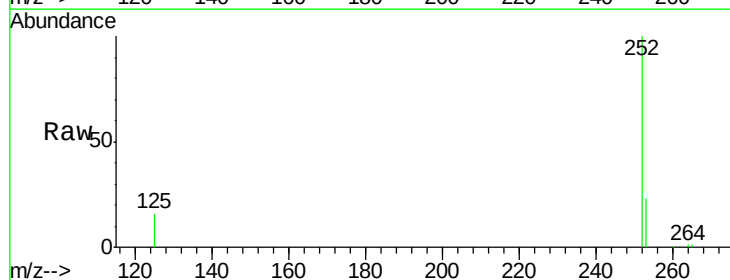
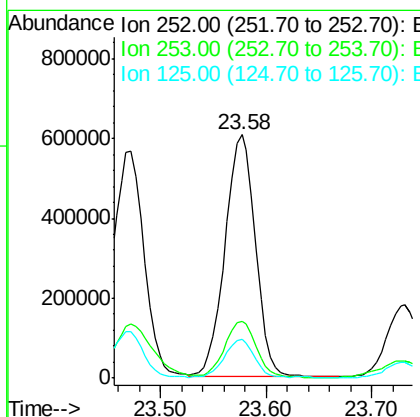
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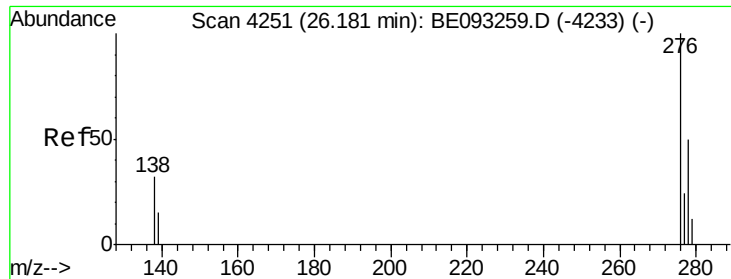
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#23
Benzo(a)pyrene
Concen: 22.235 ng/ul
RT: 23.58 min Scan# 3683
Delta R.T. 0.02 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	15.8	18.1	27.1#





#24

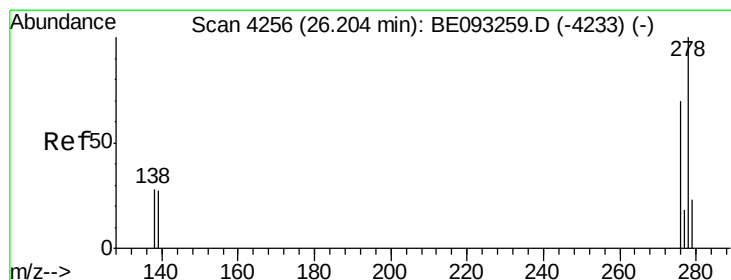
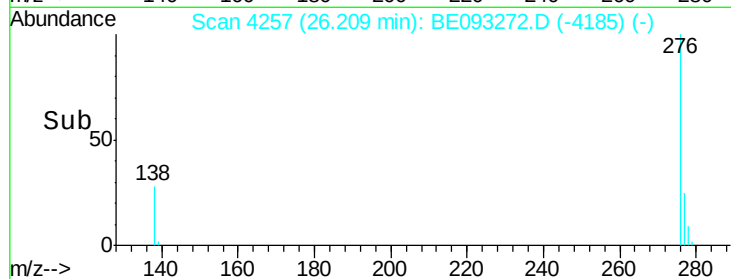
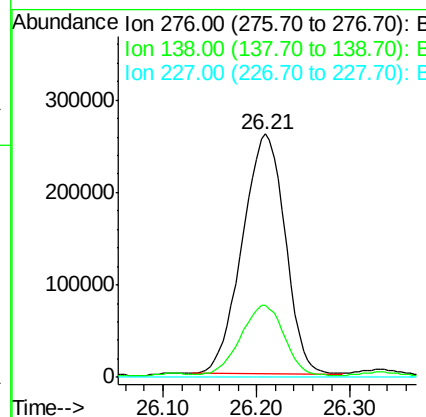
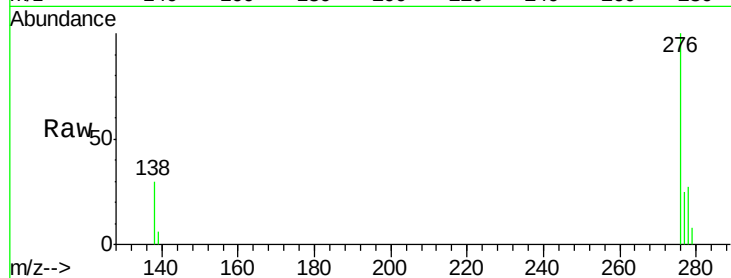
Indeno(1,2,3-cd)pyrene
Concen: 13.099 ng/ul
RT: 26.21 min Scan# 4257
Delta R.T. 0.03 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	826069		
138	30.0	28.0	42.0	
227	0.0	8.0	12.0	

Manual Integrations
APPROVED

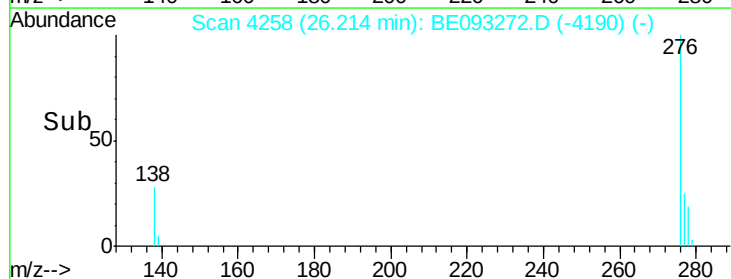
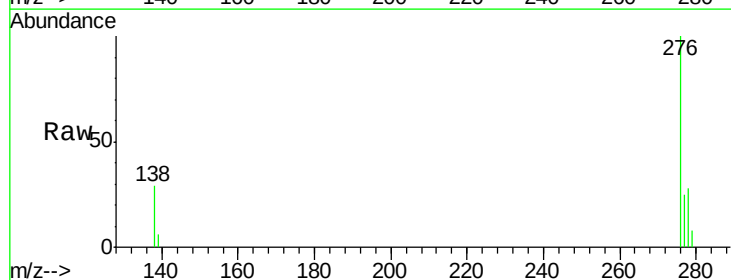
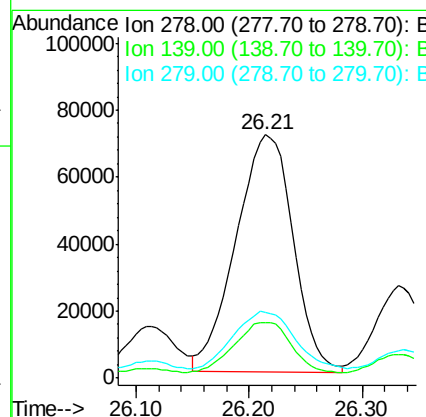
mohammad
6/20/2017 3:13:38 PM

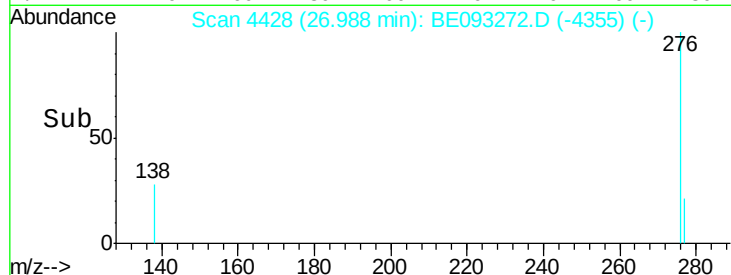
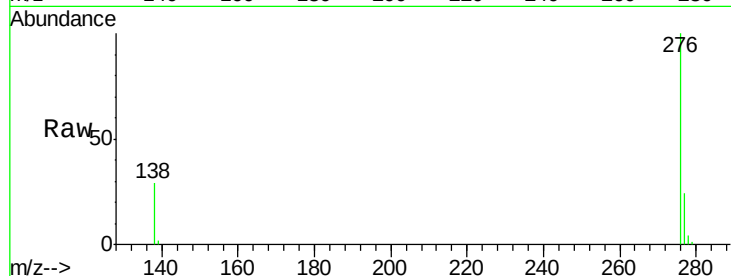
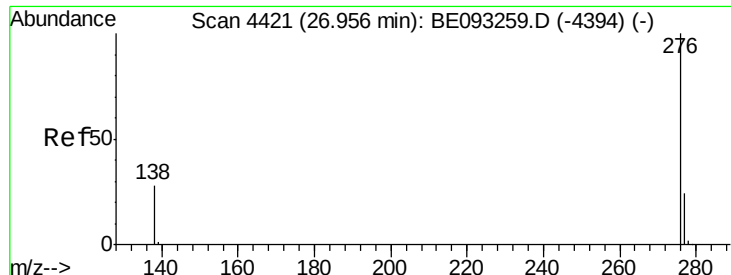


#25

Dibenzo(a,h)anthracene
Concen: 4.641 ng/ul
RT: 26.21 min Scan# 4258
Delta R.T. 0.01 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	246477		
139	22.8	17.4	26.0	
279	26.9	25.9	38.9	





#26
Benzo(g,h,i)perylene
Concen: 9.441 ng/ul
RT: 26.99 min Scan# 4428
Delta R.T. 0.03 min
Lab File: BE093272.D
Acq: 20 Jun 2017 4:24

Instrument :
BNA_E
ClientSampleId :
F5D37

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.2	21.8	32.8
277	24.3	20.5	30.7

Manual Integrations
APPROVED

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