

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093350.D
 Acq On : 23 Jun 2017 23:15
 Operator : SJ/JU
 Sample : I3627-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A93

Manual Integrations
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mohammad
 6/29/2017 8:33:34 AM

Quant Time: Jun 24 05:06:13 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	7.74	152	1614	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8644	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5619	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12901	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13029	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	11990m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	3236	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	8488	0.24	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	22494	1.049	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	8645	0.589	ng/ul	99
7) Acenaphthylene	14.09	152	72347	3.000	ng/ul	94
8) Acenaphthene	14.42	153	4122	0.212	ng/ul	98
9) Fluorene	15.41	166	44140	1.935	ng/ul#	90
12) Phenanthrene	17.14	178	492916	13.886	ng/ul#	89
13) Anthracene	17.22	178	2268404	73.398	ng/ul#	85
15) Fluoranthene	19.16	202	3301424	75.841	ng/ul	84
17) Pyrene	19.52	202	2896799	75.392	ng/ul#	89
18) Benzo(a)anthracene	21.25	228	1082236	31.140	ng/ul#	85
19) Chrysene	21.30	228	1546405	42.895	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1391558	38.244	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	510165m	13.201	ng/ul	
23) Benzo(a)pyrene	23.57	252	687578m	19.985	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	433938m	10.893	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	109153m	3.254	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	303778	8.892	ng/ul	96

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

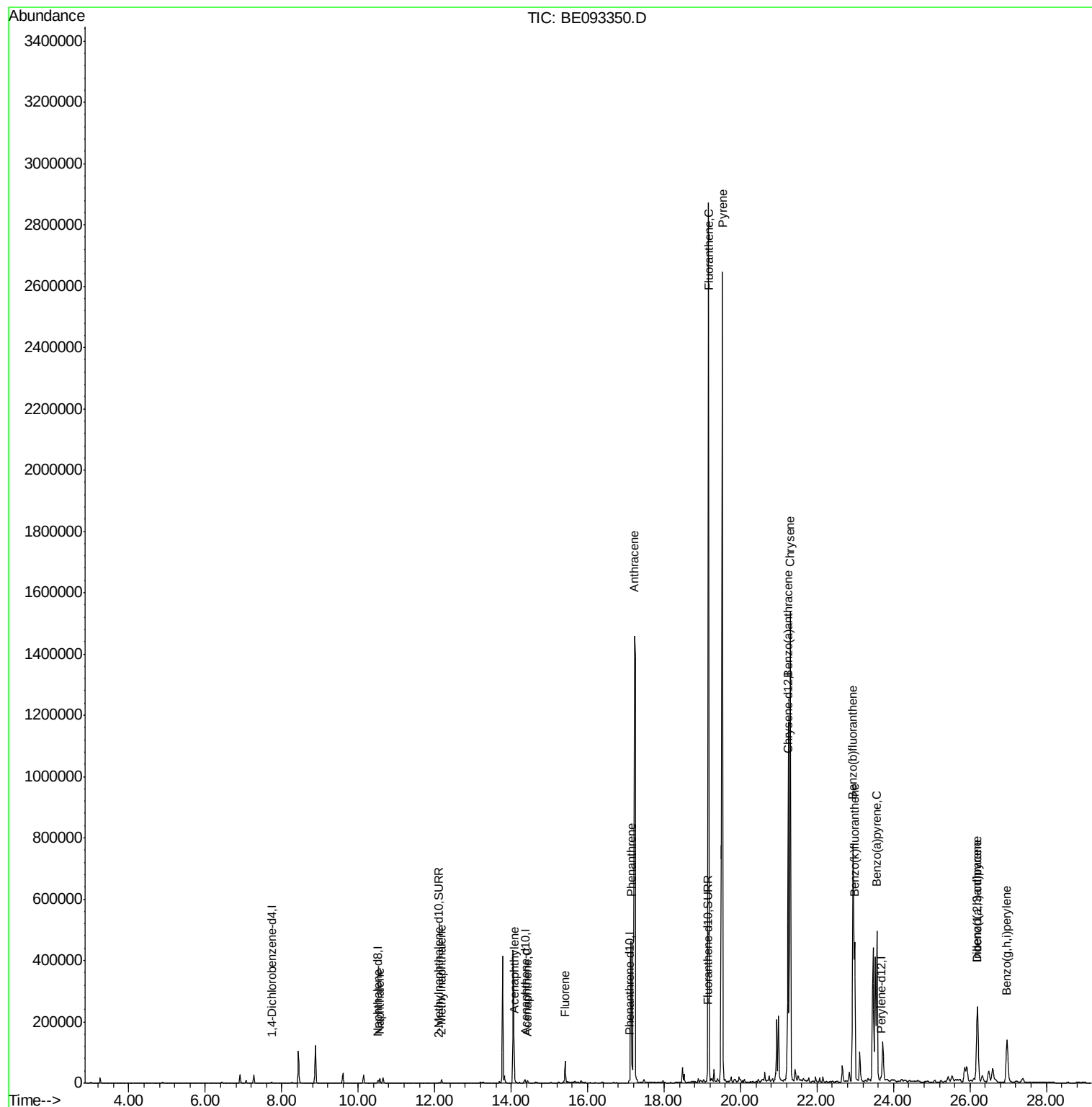
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093350.D
Acq On : 23 Jun 2017 23:15
Operator : SJ/JU
Sample : I3627-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

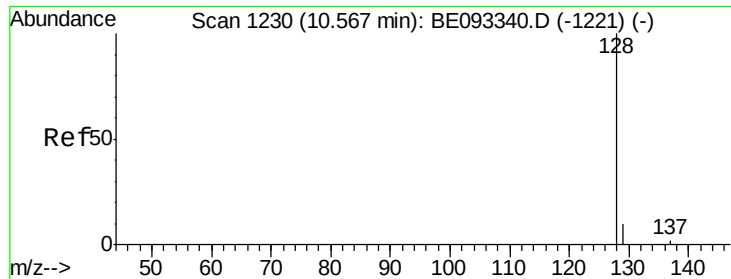
Instrument :
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F5A93

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Quant Time: Jun 24 05:06:13 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: 1.049 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

Instrument :

BNA_E

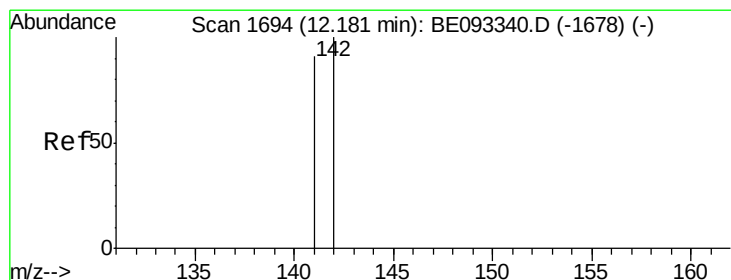
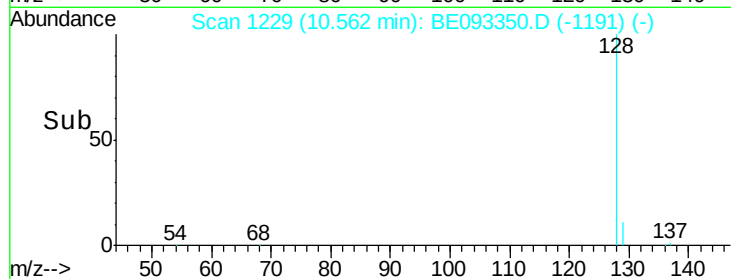
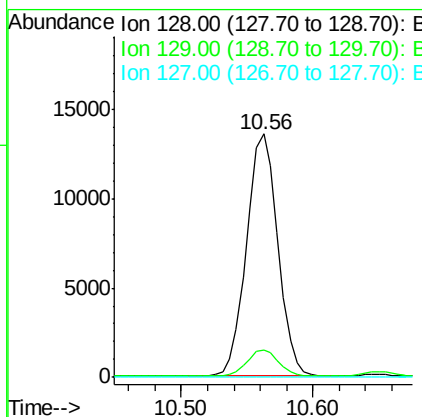
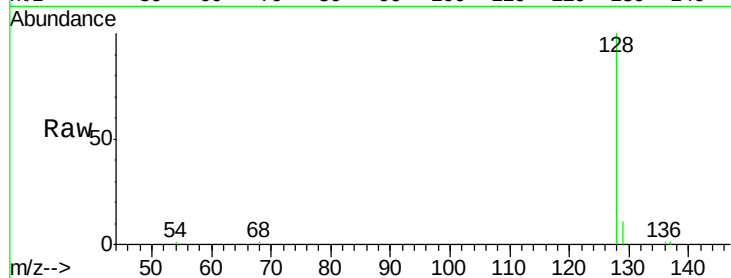
ClientSampleId :

F5A93

Tgt 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: 0.589 ng/ul

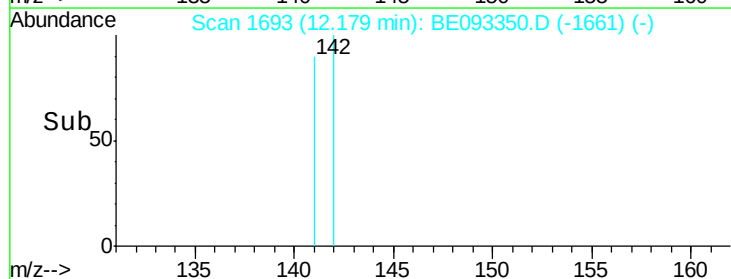
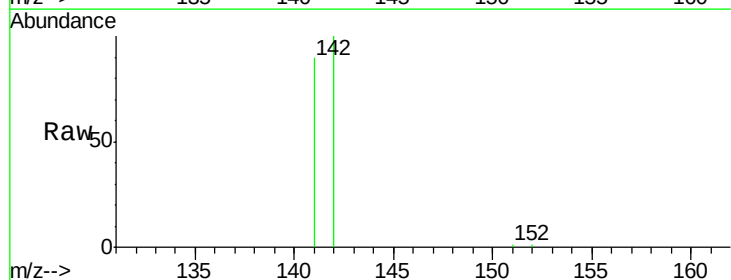
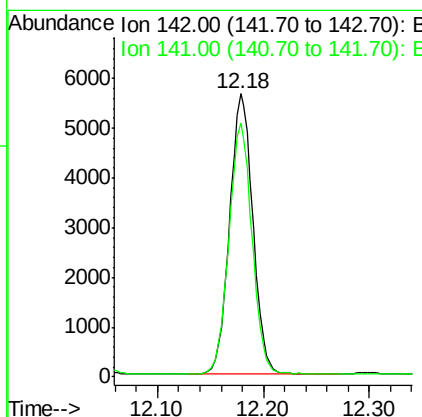
RT: 12.18 min Scan# 1693

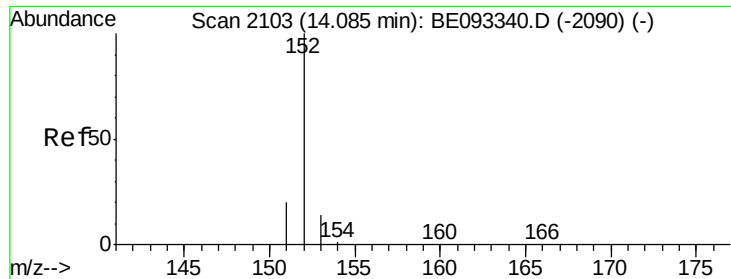
Delta R.T. -0.00 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 3.000 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

Instrument :

BNA_E

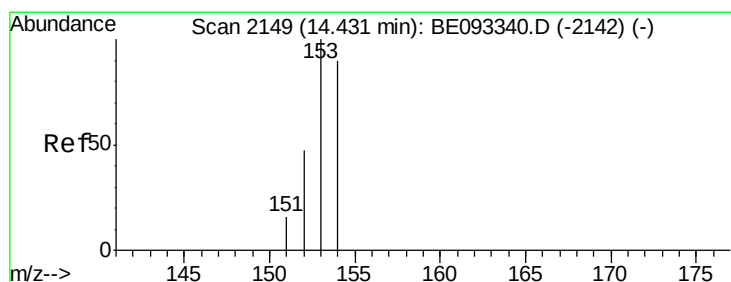
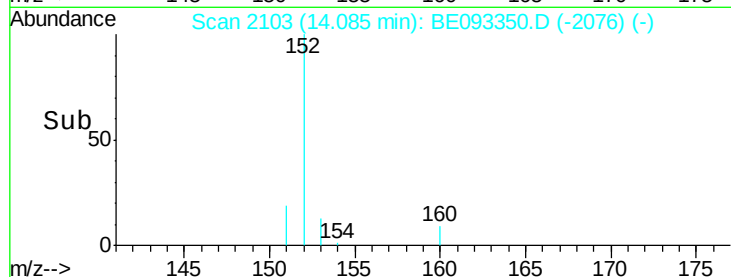
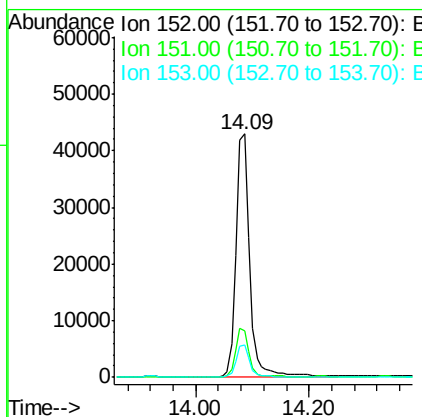
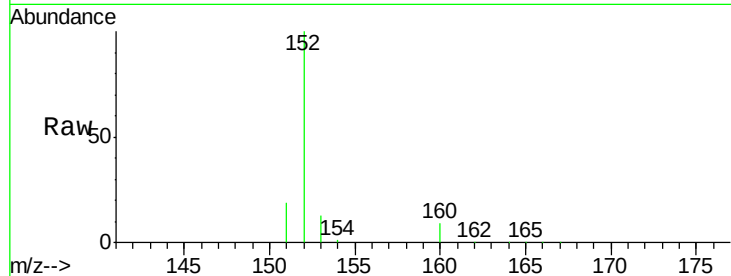
ClientSampleId :

F5A93

Tgt Ion:	152	Resp:	72347
Ion Ratio	Lower	Upper	
152	100		
151	19.3	17.1	25.7
153	13.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.212 ng/ul

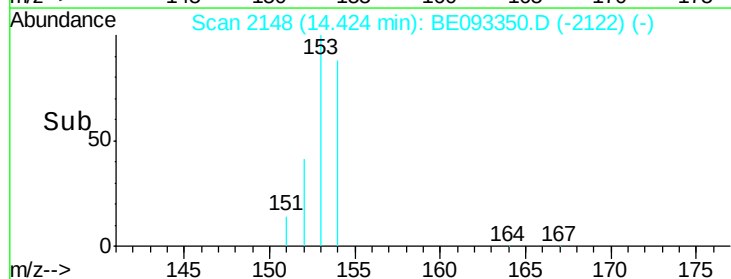
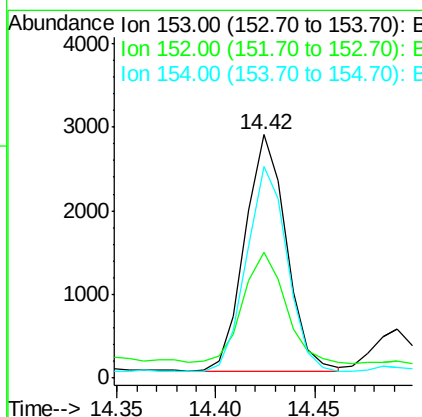
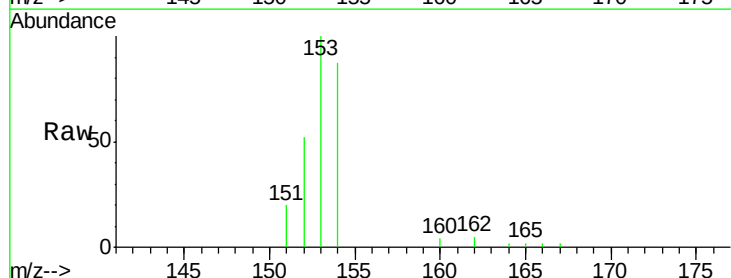
RT: 14.42 min Scan# 2148

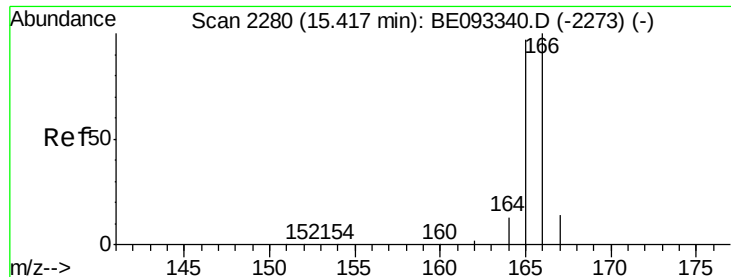
Delta R.T. -0.01 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

Tgt Ion:	153	Resp:	4122
Ion Ratio	Lower	Upper	
153	100		
152	52.0	40.3	60.5
154	86.9	71.4	107.2





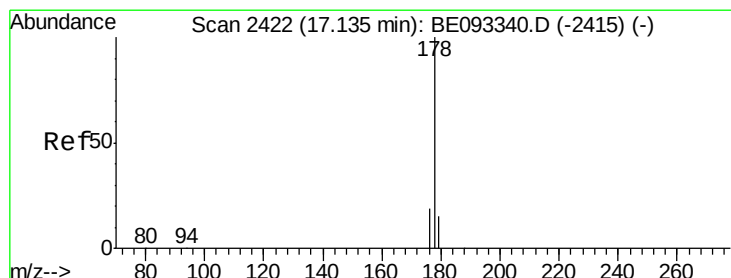
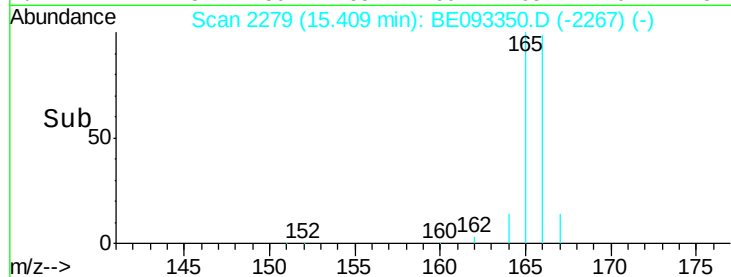
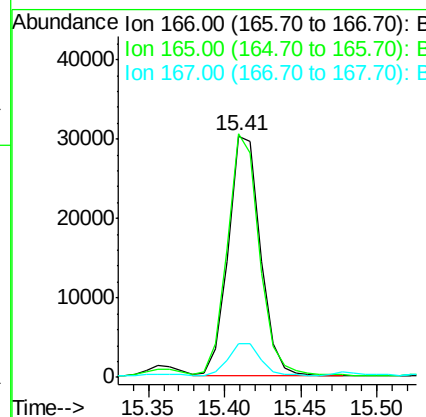
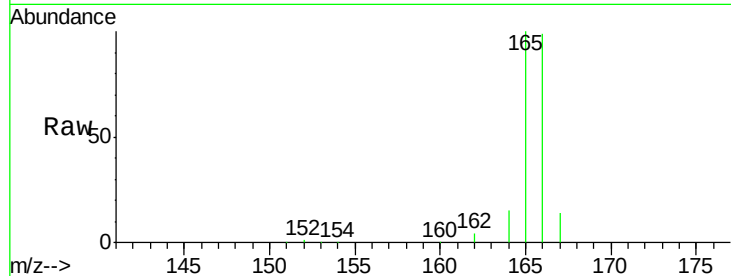
#9
Fluorene
 Concen: 1.935 ng/ul
 RT: 15.41 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE093350.D
 Acq: 23 Jun 2017 23:15

Instrument :
 BNA_E
 ClientSampleId :
 F5A93

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	73.4	110.2
167	14.2	14.6	22.0

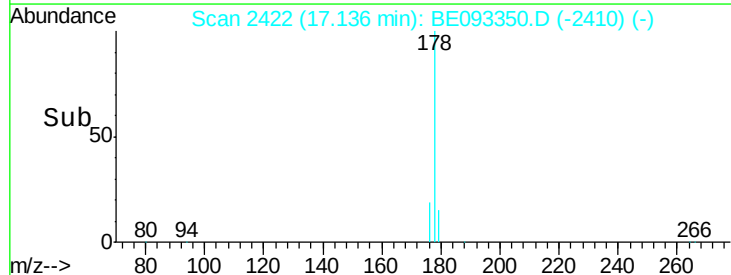
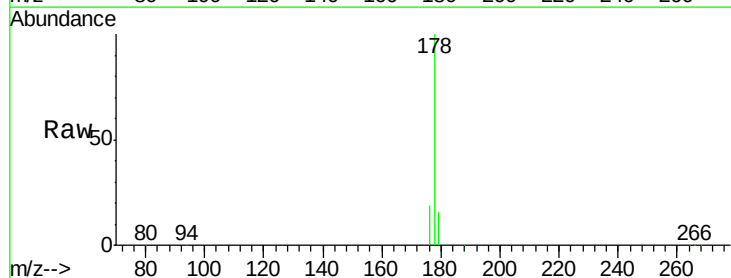
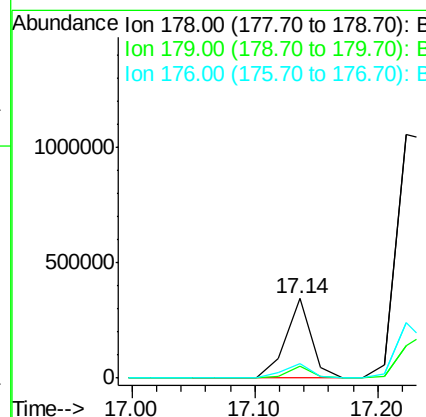
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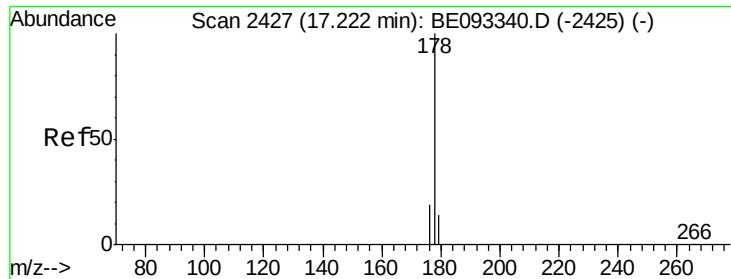
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#12
Phenanthrene
 Concen: 13.886 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BE093350.D
 Acq: 23 Jun 2017 23:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6
176	18.7	13.6	20.4





#13

Anthracene

Concen: 73.398 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

Instrument :

BNA_E

ClientSampleId :

F5A93

Tgt Ion:178 Resp: 2268404

Ion Ratio Lower Upper

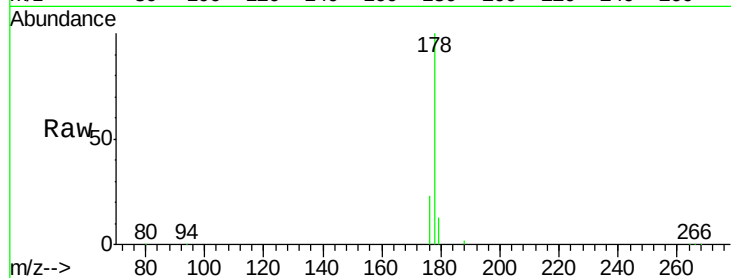
178 100

179 13.5 18.1 27.1#

176 22.7 14.7 22.1#

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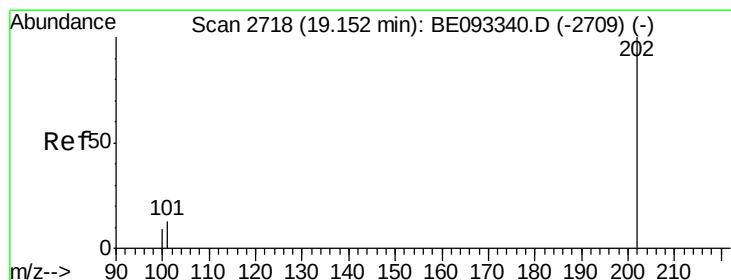
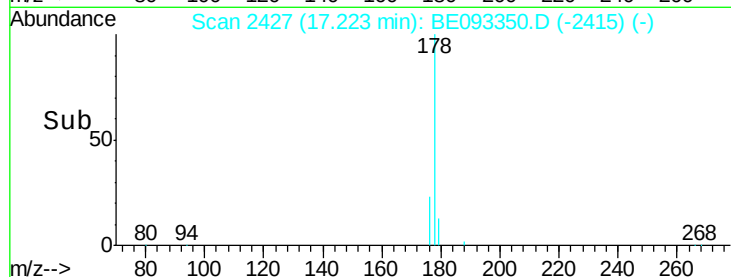
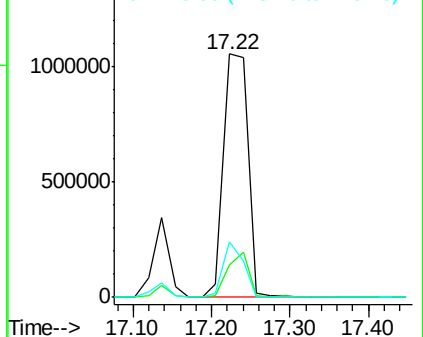
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 75.841 ng/ul

RT: 19.16 min Scan# 2720

Delta R.T. 0.01 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

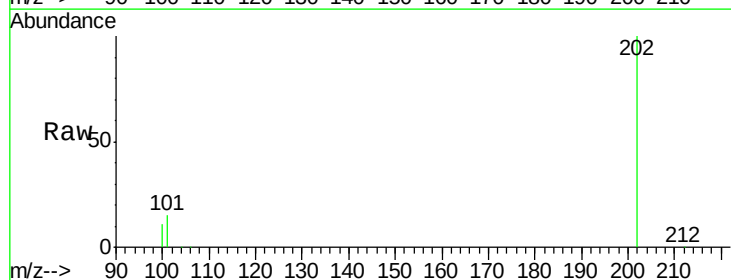
Tgt Ion:202 Resp: 3301424

Ion Ratio Lower Upper

202 100

101 15.0 0.0 30.3

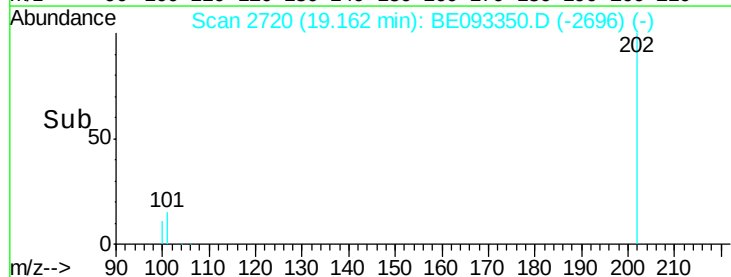
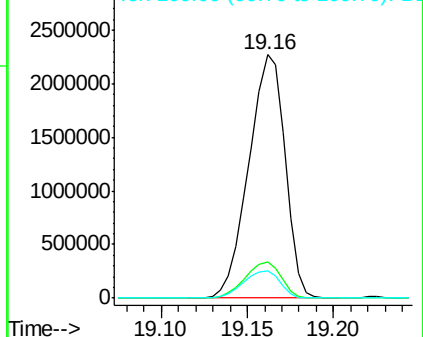
100 11.5 0.0 39.5

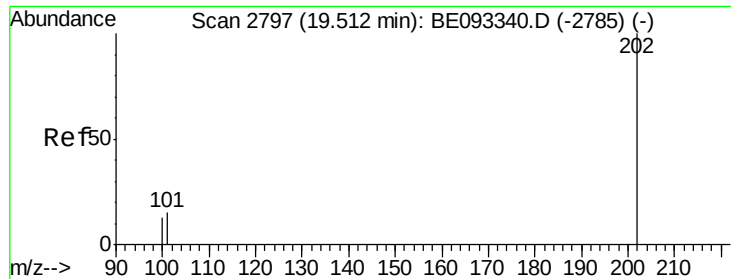


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





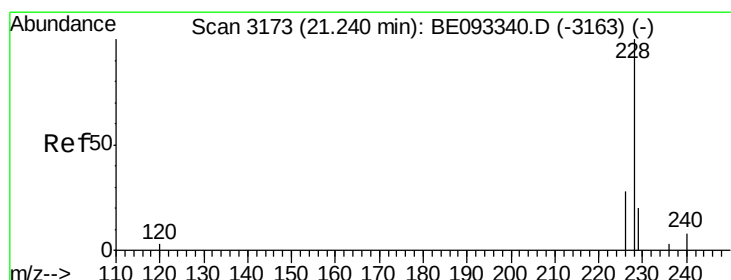
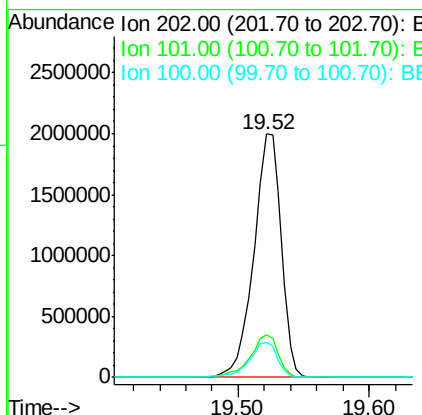
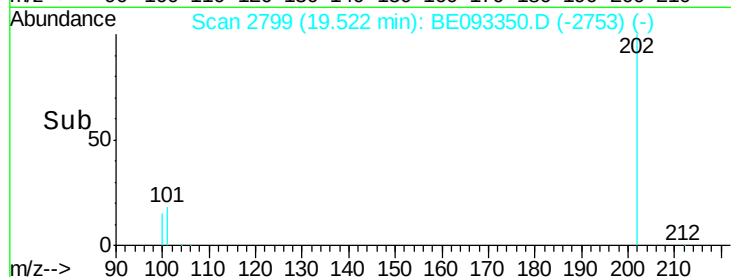
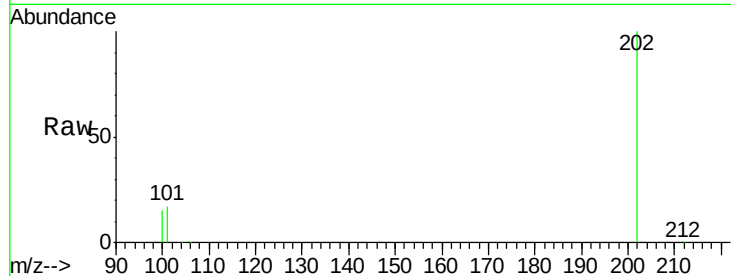
#17
Pyrene
 Concen: 75.392 ng/ul
 RT: 19.52 min Scan# 2799
 Delta R.T. 0.01 min
 Lab File: BE093350.D
 Acq: 23 Jun 2017 23:15

Instrument :
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Tgt Ion:202 Resp: 2896799
 Ion Ratio Lower Upper
 202 100
 101 17.5 18.2 27.4#
 100 14.6 15.6 23.4#

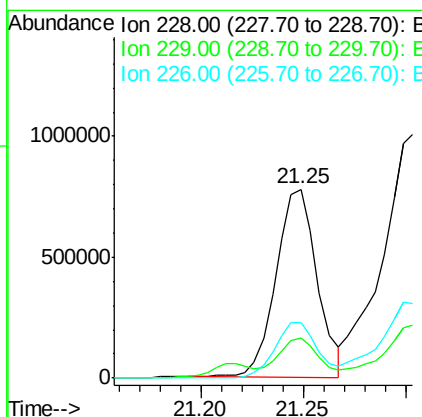
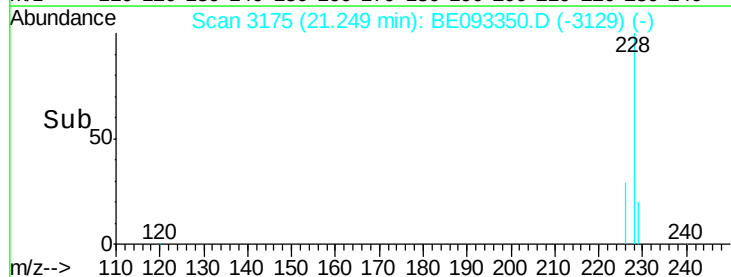
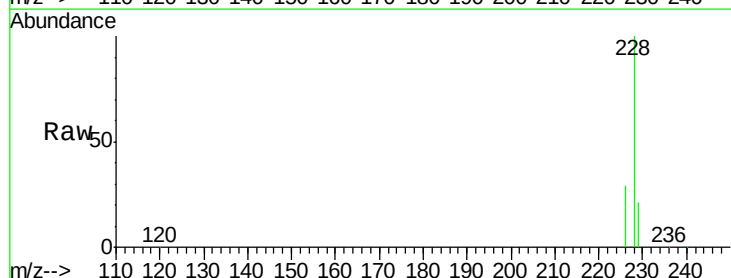
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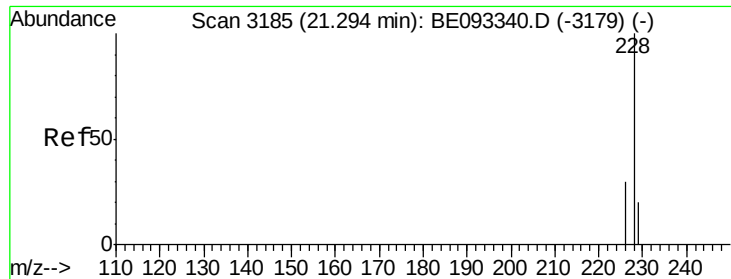
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#18
Benzo(a)anthracene
 Concen: 31.140 ng/ul
 RT: 21.25 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: BE093350.D
 Acq: 23 Jun 2017 23:15

Tgt Ion:228 Resp: 1082236
 Ion Ratio Lower Upper
 228 100
 229 21.0 22.8 34.2#
 226 29.4 17.0 25.6#





#19

Chrysene

Concen: 42.895 ng/ul

RT: 21.30 min Scan# 3187

Delta R.T. 0.01 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

Instrument :

BNA_E

ClientSampleId :

F5A93

Tgt Ion:228 Resp: 1546405

Ion Ratio Lower Upper

228 100

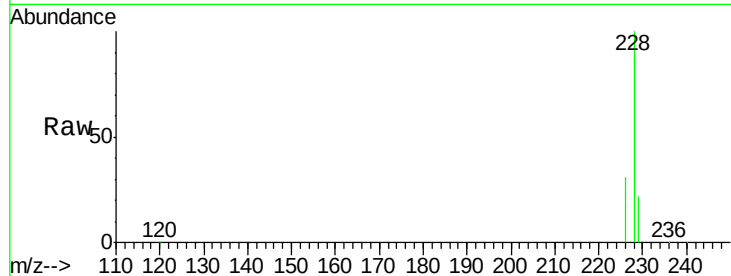
226 30.9 23.4 35.0

229 21.9 17.7 26.5

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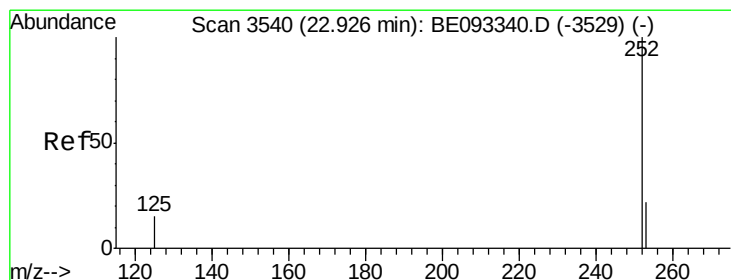
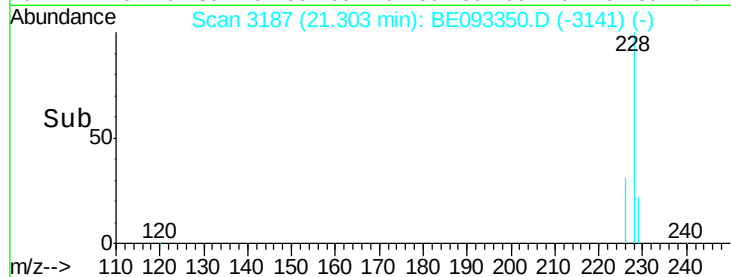
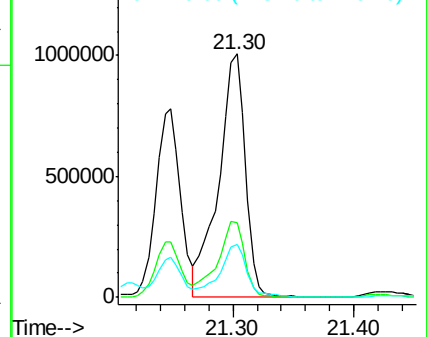
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 38.244 ng/ul

RT: 22.94 min Scan# 3544

Delta R.T. 0.02 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

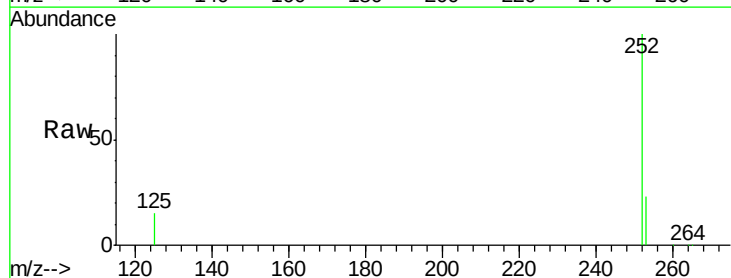
Tgt Ion:252 Resp: 1391558

Ion Ratio Lower Upper

252 100

253 22.6 0.0 64.2

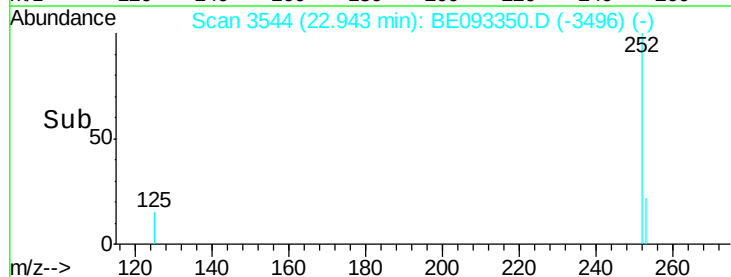
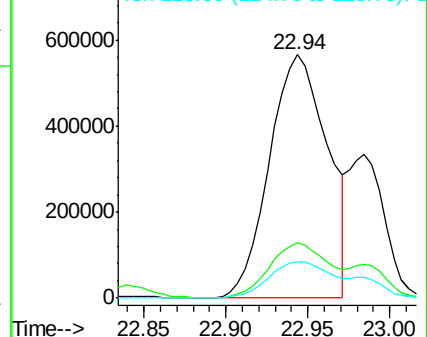
125 15.1 0.0 35.0

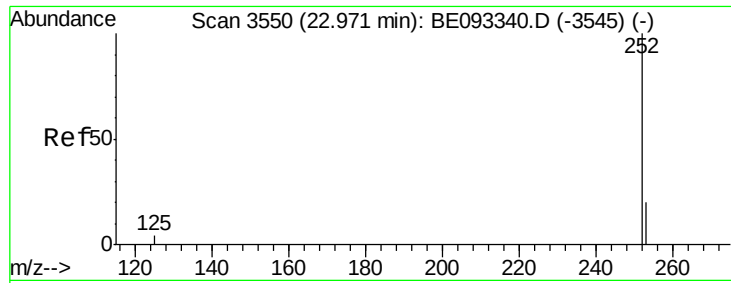


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 13.201 ng/ul m

RT: 22.98 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

Instrument :

BNA_E

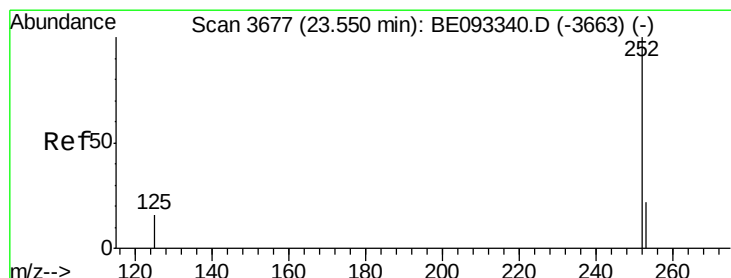
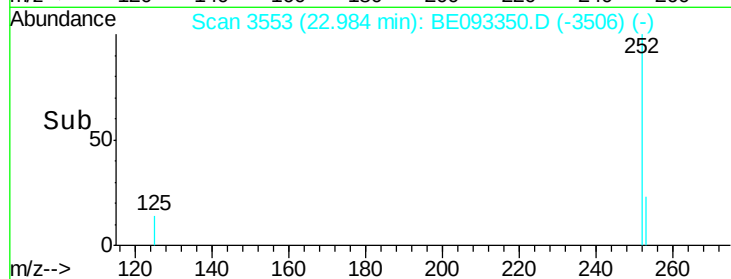
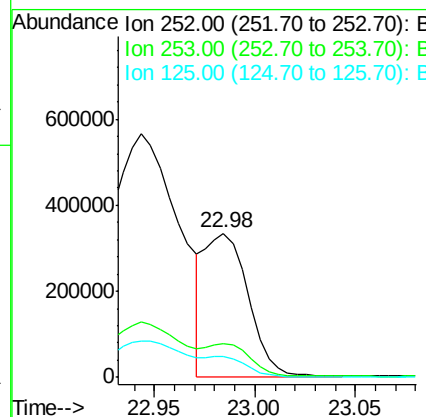
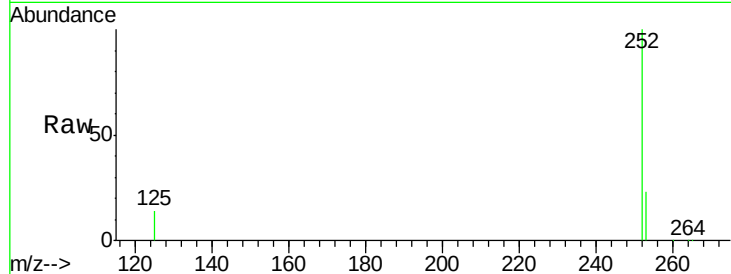
ClientSampleId :

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Tgt Ion:	252	Resp:	510165
Ion Ratio	Lower	Upper	
252	100		
253	23.3	24.5	36.7#
125	14.3	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 19.985 ng/ul m

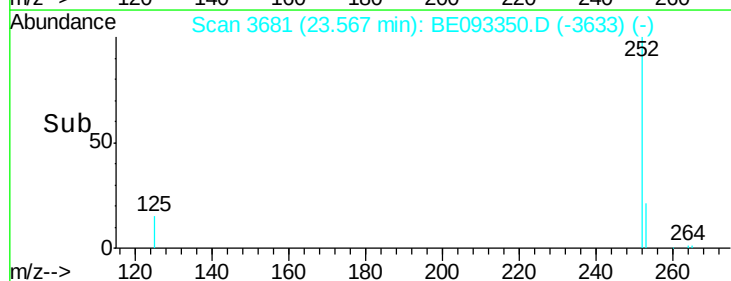
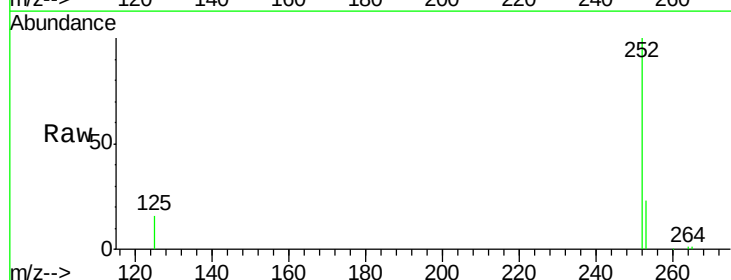
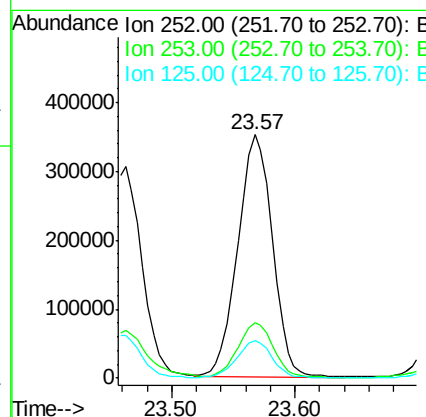
RT: 23.57 min Scan# 3681

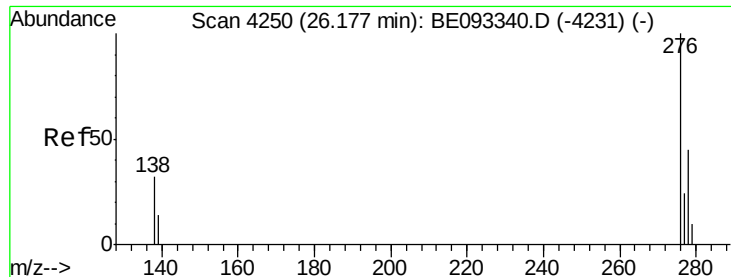
Delta R.T. 0.02 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

Tgt Ion:	252	Resp:	687578
Ion Ratio	Lower	Upper	
252	100		
253	22.8	28.5	42.7#
125	15.6	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 10.893 ng/ul m

RT: 26.19 min Scan# 4253

Delta R.T. 0.01 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

Instrument :

BNA_E

ClientSampleId :

F5A93

Tgt Ion: 276 Resp: 433938

Ion Ratio Lower Upper

276 100

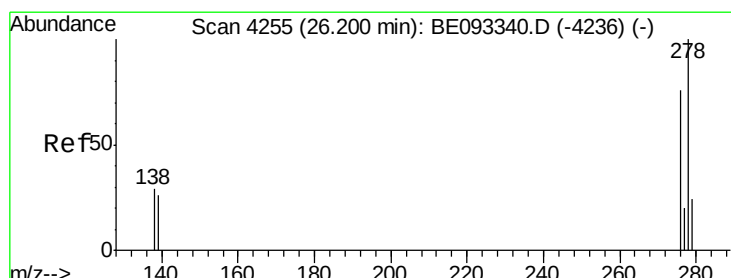
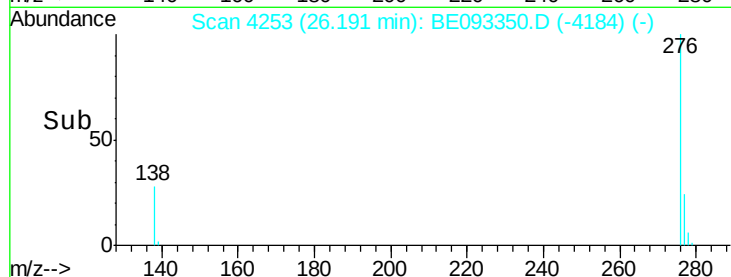
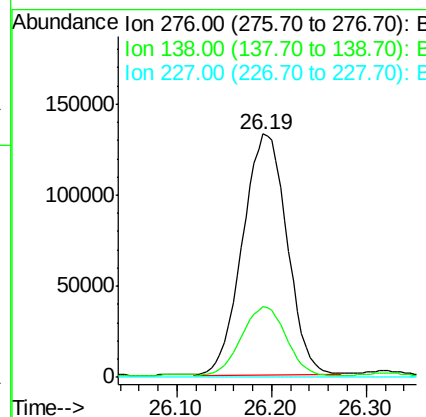
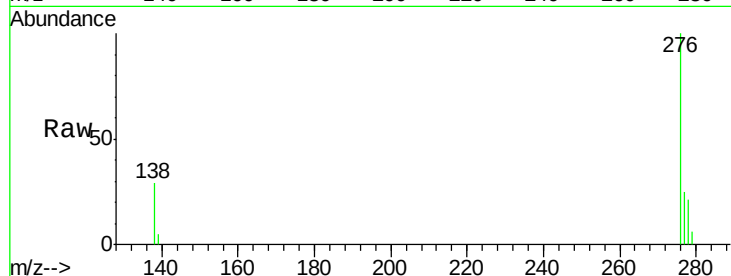
138 3.1 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

mohammad

6/29/2017 8:33:34 AM



#25

Dibenzo(a,h)anthracene

Concen: 3.254 ng/ul m

RT: 26.20 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BE093350.D

Acq: 23 Jun 2017 23:15

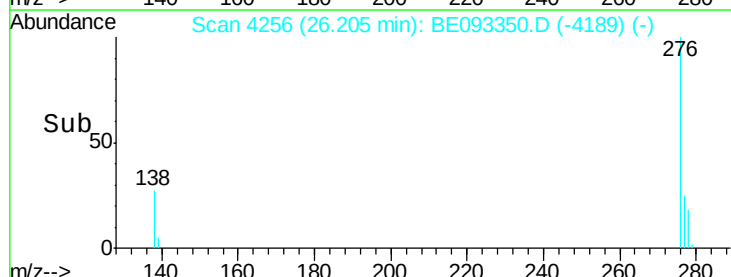
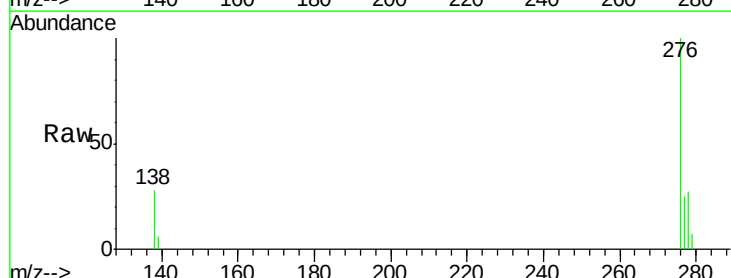
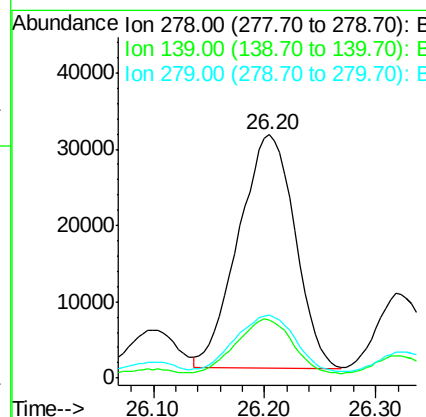
Tgt Ion: 278 Resp: 109153

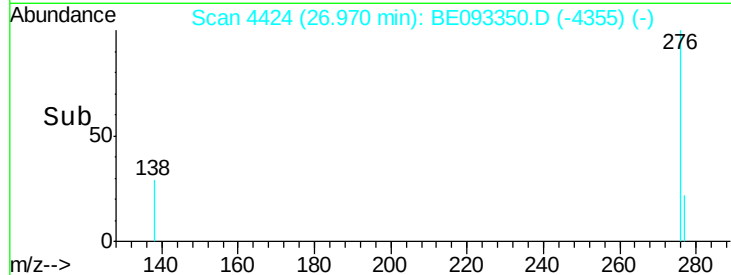
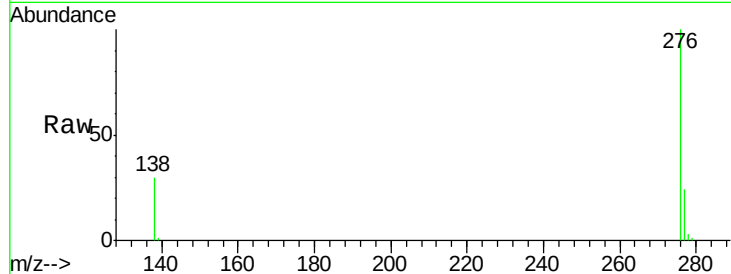
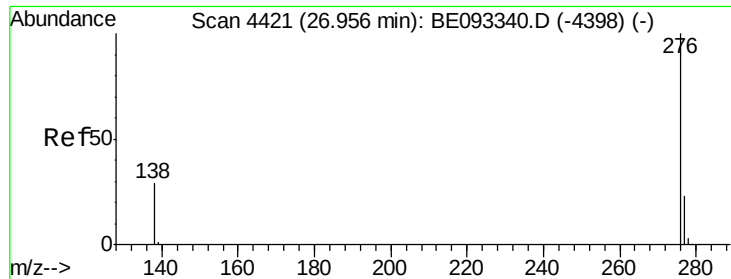
Ion Ratio Lower Upper

278 100

139 23.8 17.4 26.0

279 25.7 25.9 38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 8.892 ng/ul
 RT: 26.97 min Scan# 4424
 Delta R.T. 0.01 min
 Lab File: BE093350.D
 Acq: 23 Jun 2017 23:15

Instrument :
 BNA_E
 ClientSampleId :
 F5A93

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	29.8	21.8	32.8	
277	24.3	20.5	30.7	

Manual Integrations
 APPROVED

mohammad
 6/29/2017 8:33:34 AM

