

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093297.D
 Acq On : 21 Jun 2017 00:41
 Operator : SJ/JU
 Sample : I3627-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5E25

Manual Integrations
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 6/21/2017 12:19:08 PM

Quant Time: Jun 21 04:07:21 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 03:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1671	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8669	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5598	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13317	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13631	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11555m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3347	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9923	0.27	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	22475	1.045	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	2608	0.177	ng/ul	97
7) Acenaphthylene	14.09	152	15162	0.631	ng/ul	96
8) Acenaphthene	14.42	153	1315	0.068	ng/ul	99
9) Fluorene	15.42	166	1596	0.070	ng/ul	98
12) Phenanthrene	17.13	178	10351	0.282	ng/ul#	89
13) Anthracene	17.22	178	22667	0.711	ng/ul#	88
15) Fluoranthene	19.15	202	157922	3.515	ng/ul	84
17) Pyrene	19.51	202	202381	5.035	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	110900	3.050	ng/ul#	85
19) Chrysene	21.29	228	109055	2.891	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	163480	4.662	ng/ul	87
22) Benzo(k)fluoranthene	22.97	252	50666m	1.360	ng/ul	
23) Benzo(a)pyrene	23.56	252	84295m	2.542	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	46982m	1.224	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	12862m	0.398	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	30420	0.924	ng/ul	96

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

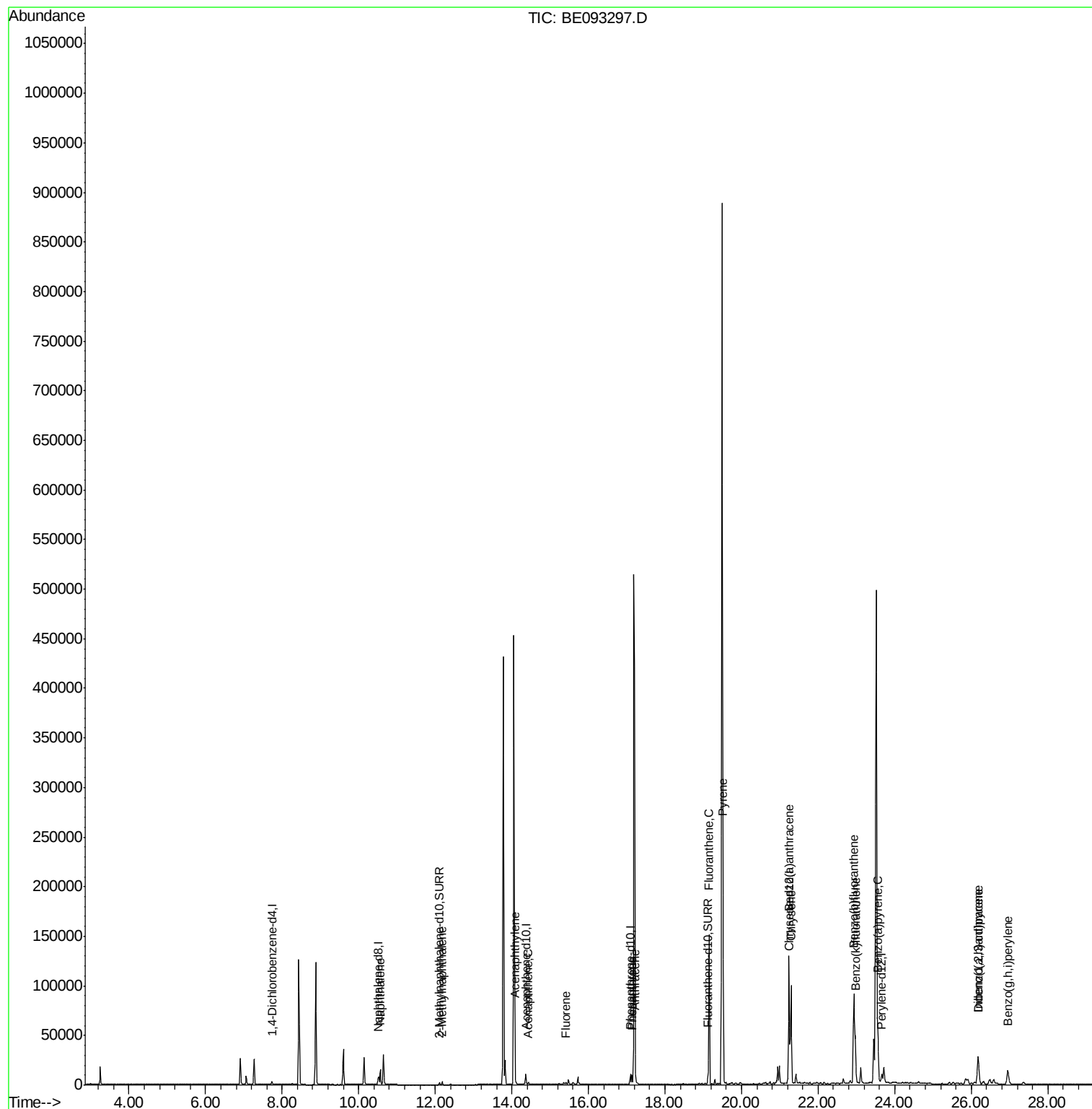
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.045 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Instrument :

BNA_E

ClientSampleId :

F5E25

Tgt Ion:128 Resp: 22475

Ion Ratio Lower Upper

128 100

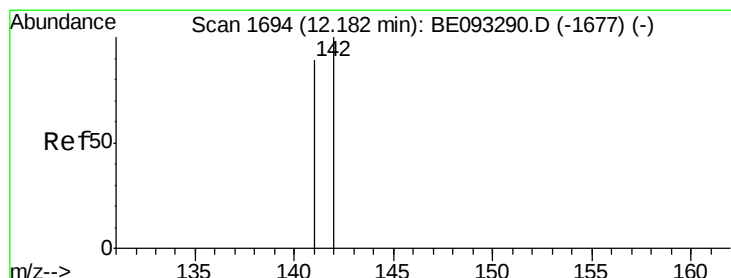
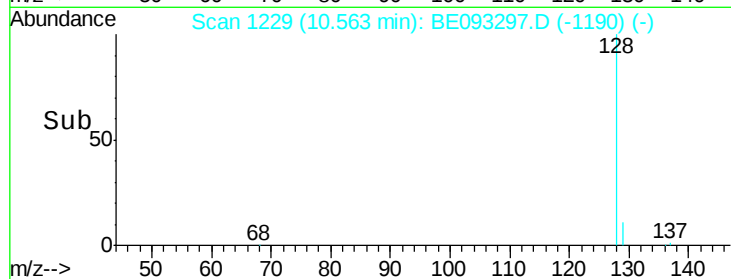
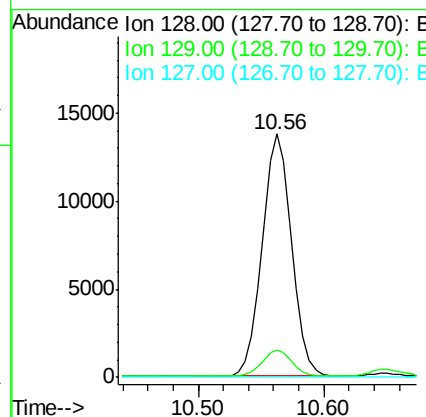
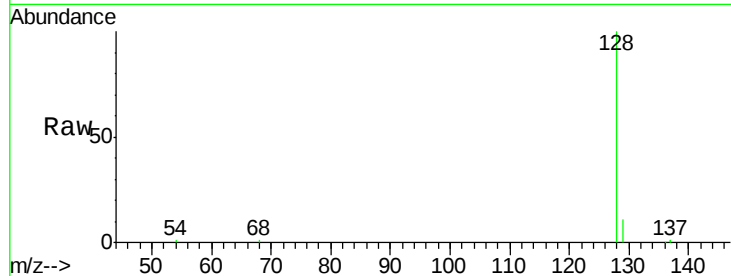
129 11.2 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.177 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093297.D

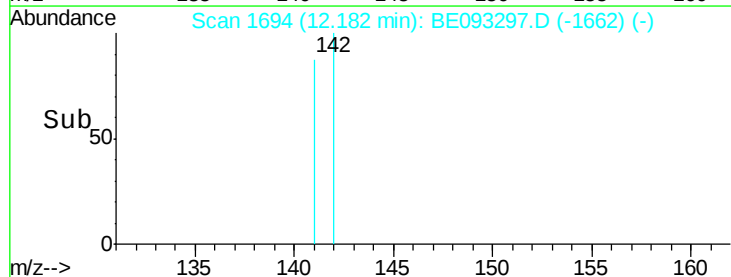
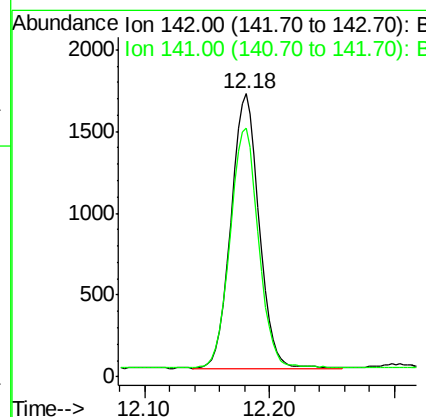
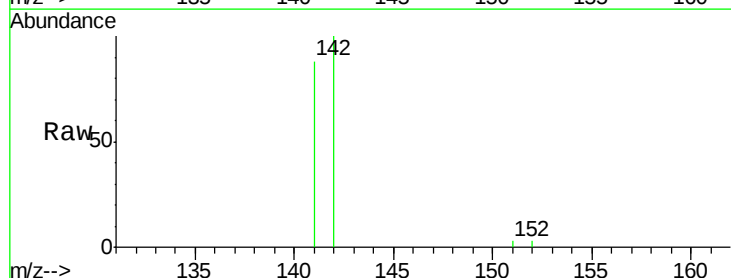
Acq: 21 Jun 2017 00:41

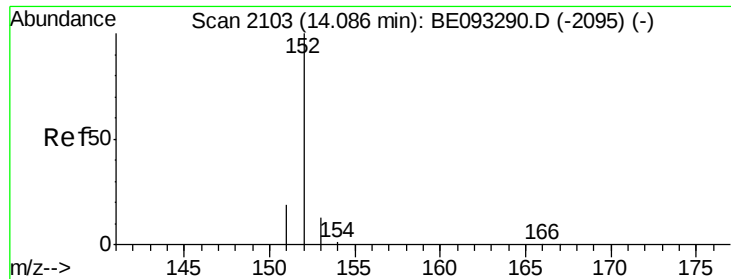
Tgt Ion:142 Resp: 2608

Ion Ratio Lower Upper

142 100

141 88.0 72.6 108.8





#7

Acenaphthylene

Concen: 0.631 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Instrument :

BNA_E

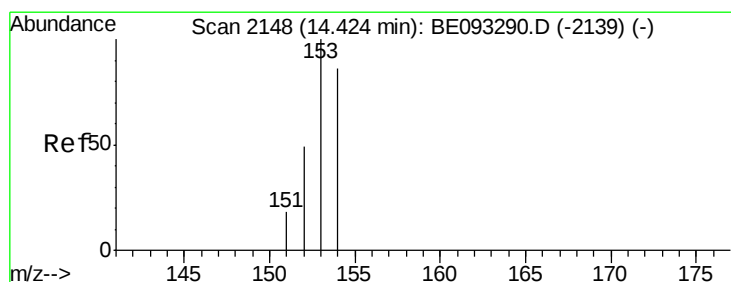
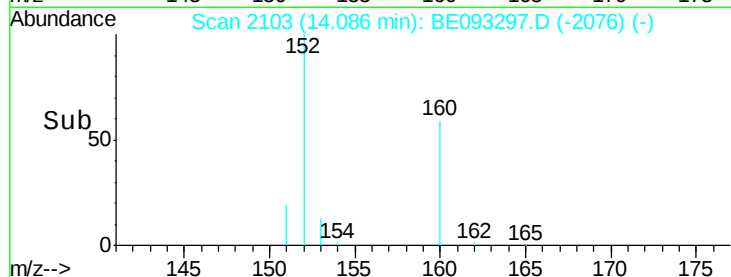
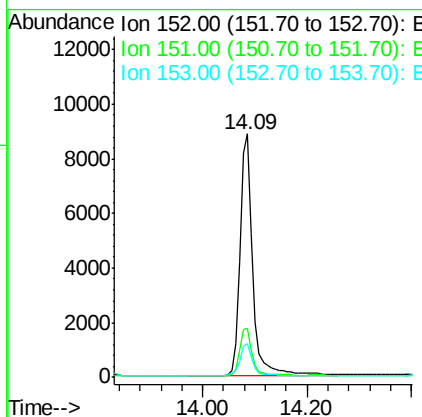
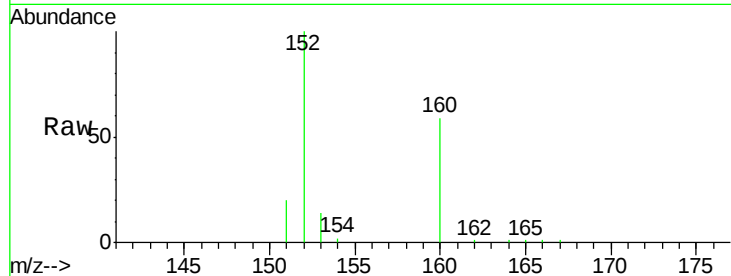
ClientSampleId :

F5E25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.1	25.7
153	13.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.068 ng/ul

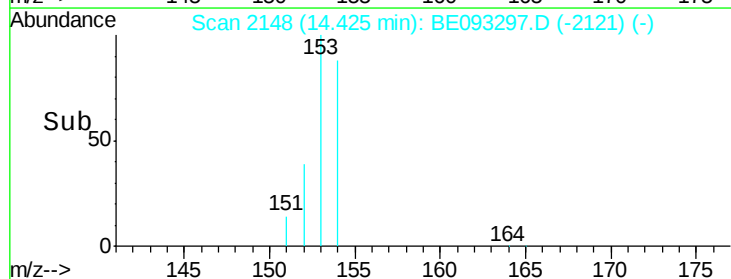
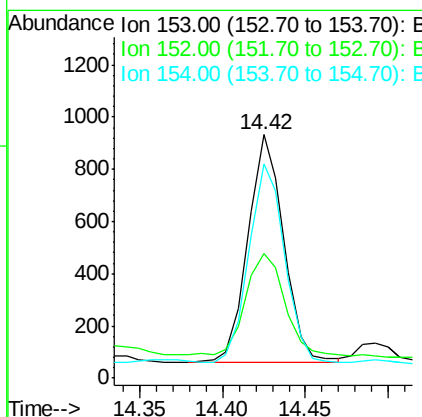
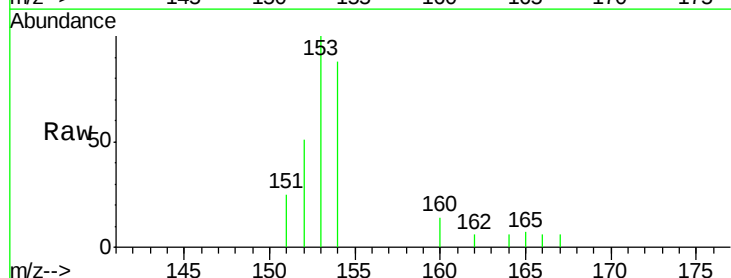
RT: 14.42 min Scan# 2148

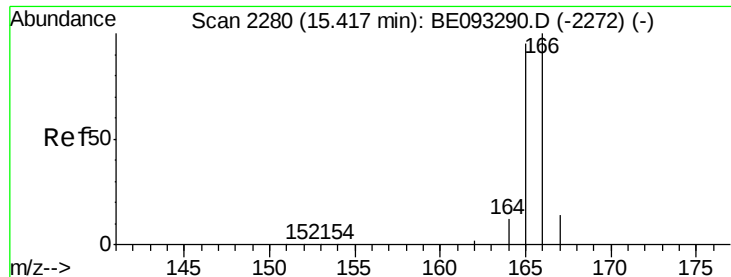
Delta R.T. 0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.0	40.3	60.5
154	88.2	71.4	107.2





#9

Fluorene

Concen: 0.070 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Instrument :

BNA_E

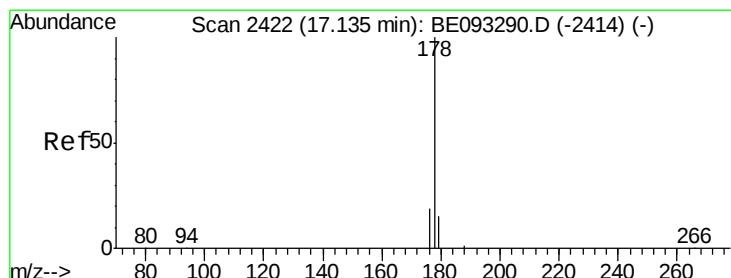
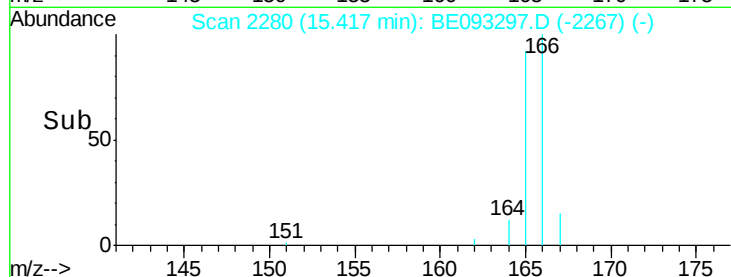
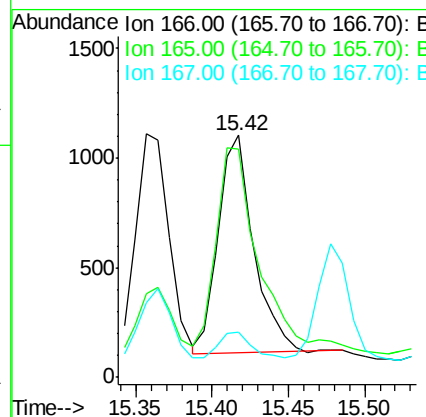
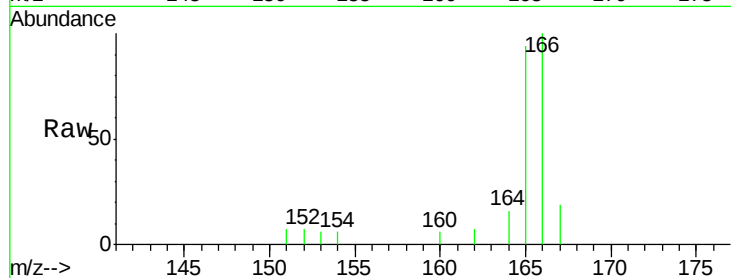
ClientSampled :

F5E25

Tgt Ion:	166	Resp:	1596
Ion Ratio	Lower	Upper	
166	100		
165	94.4	73.4	110.2
167	18.9	14.6	22.0

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#12

Phenanthrene

Concen: 0.282 ng/ul

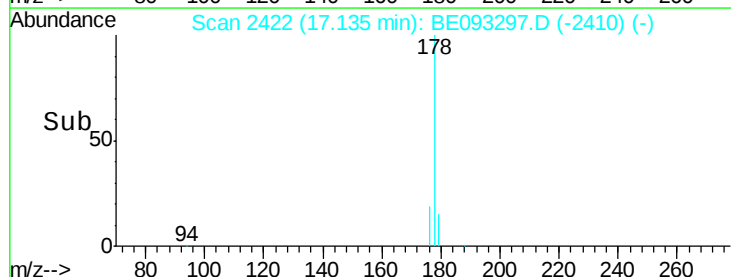
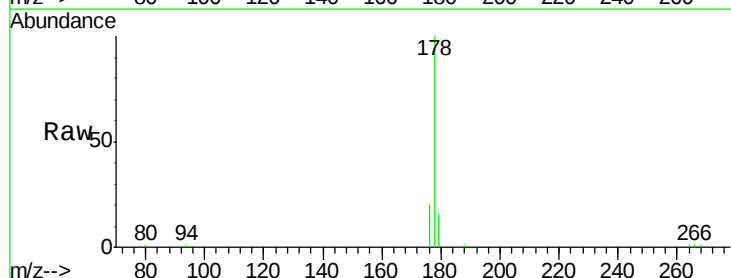
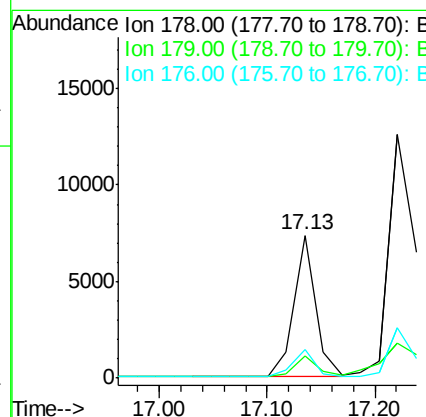
RT: 17.13 min Scan# 2422

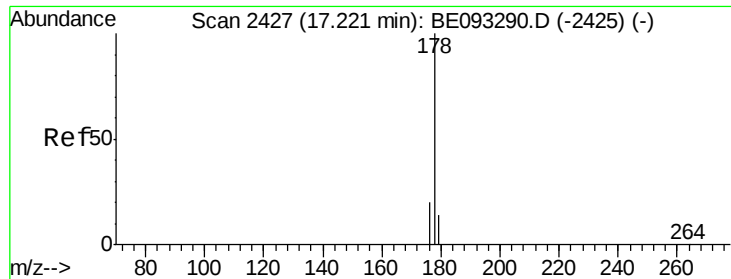
Delta R.T. -0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Tgt Ion:	178	Resp:	10351
Ion Ratio	Lower	Upper	
178	100		
179	15.9	18.4	27.6#
176	19.8	13.6	20.4





#13

Anthracene

Concen: 0.711 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Instrument :

BNA_E

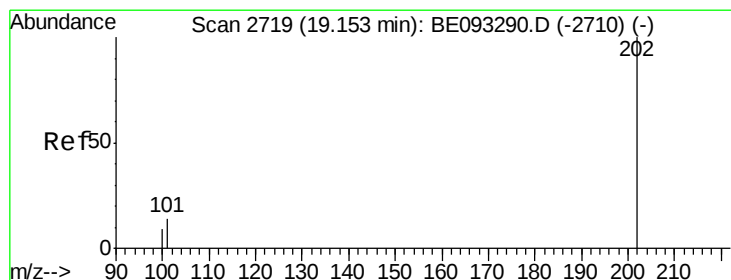
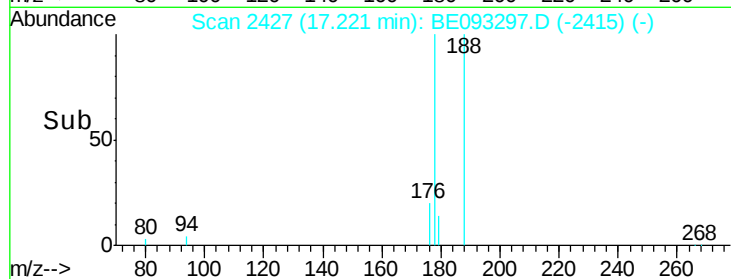
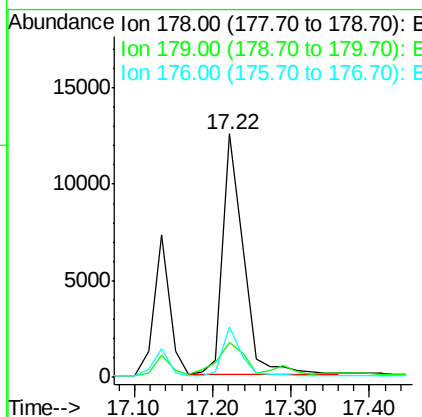
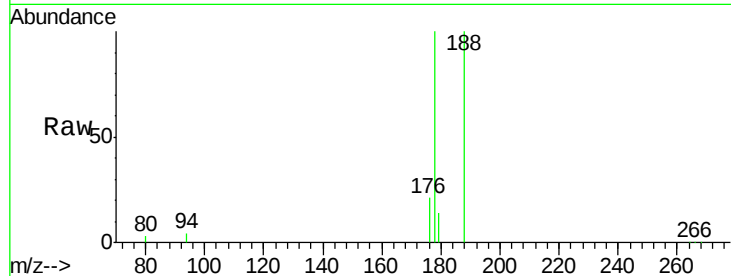
ClientSampleId :

F5E25

Tgt Ion:	178	Resp:	22667
Ion Ratio	Lower	Upper	
178	100		
179	14.5	18.1	27.1#
176	20.9	14.7	22.1

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#15

Fluoranthene

Concen: 3.515 ng/ul

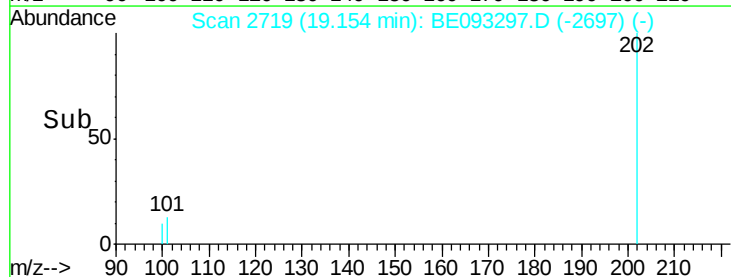
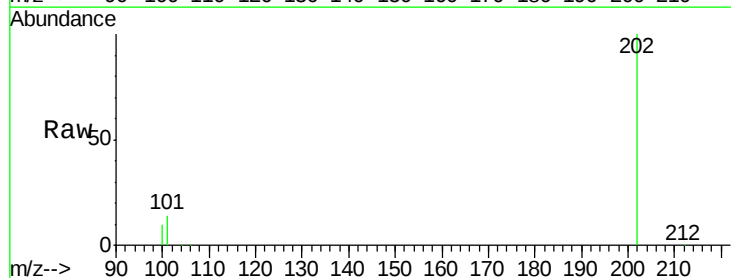
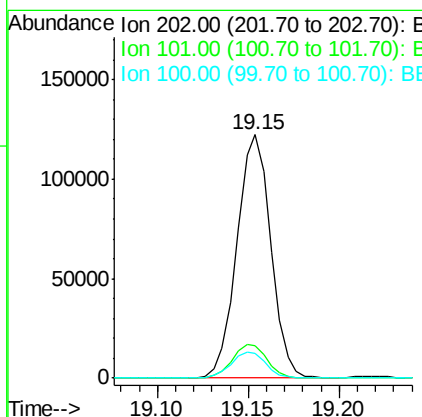
RT: 19.15 min Scan# 2719

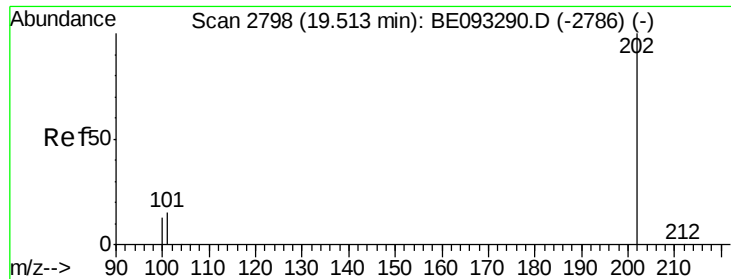
Delta R.T. 0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Tgt Ion:	202	Resp:	157922
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	30.3
100	10.2	0.0	39.5





#17

Pyrene

Concen: 5.035 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Instrument :

BNA_E

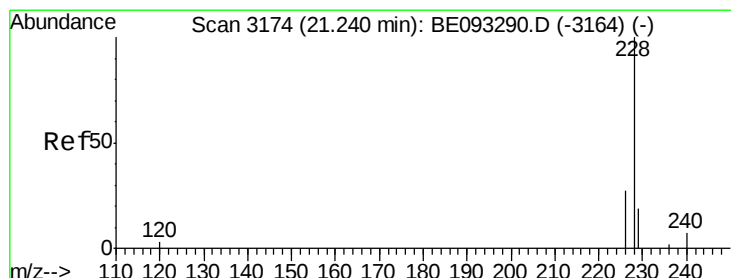
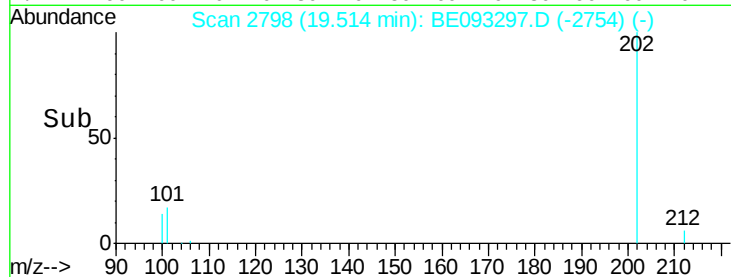
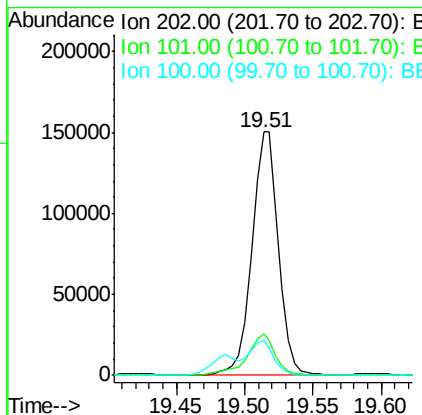
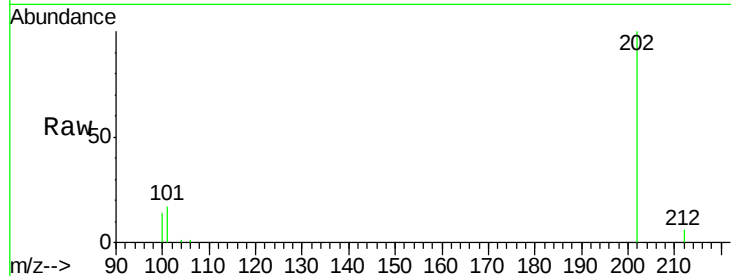
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		202381		
101	16.9	18.2	27.4#		
100	14.3	15.6	23.4#		

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#18

Benzo(a)anthracene

Concen: 3.050 ng/ul

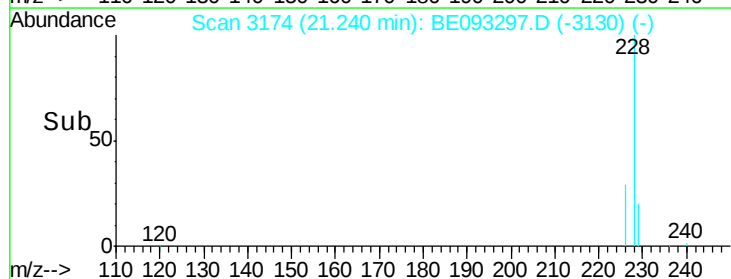
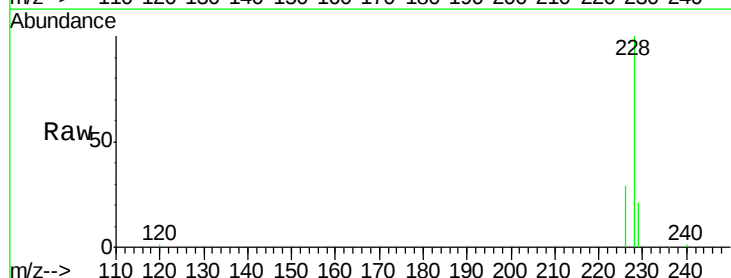
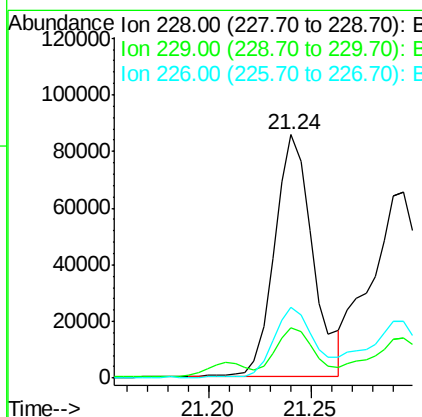
RT: 21.24 min Scan# 3174

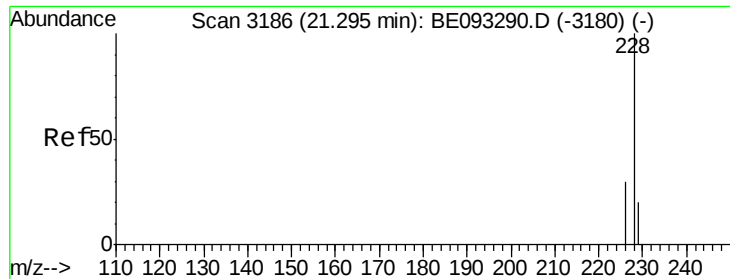
Delta R.T. -0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		110900		
229	20.6	22.8	34.2#		
226	29.0	17.0	25.6#		





#19

Chrysene

Concen: 2.891 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Instrument :

BNA_E

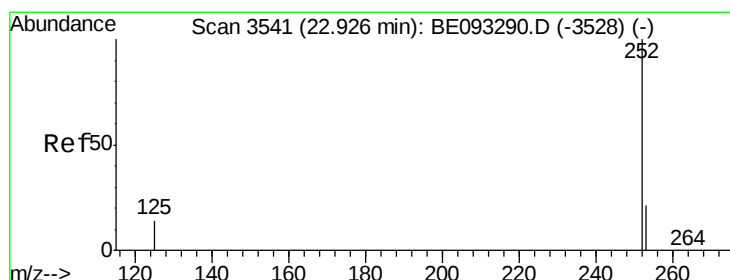
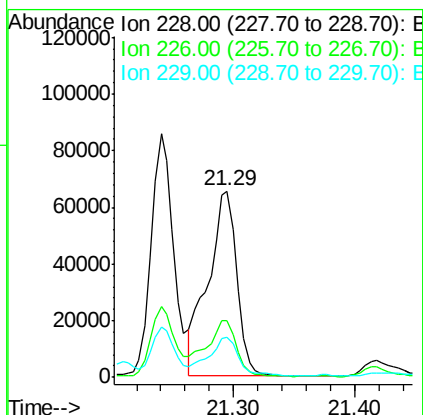
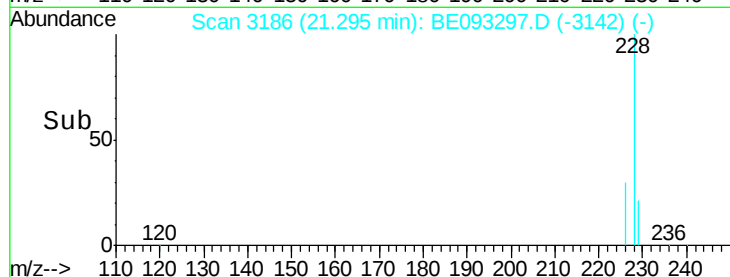
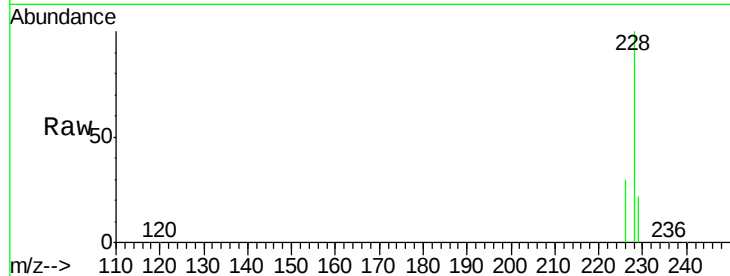
ClientSampleId :

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Tgt Ion:	228	Resp:	109055
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	21.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.662 ng/ul

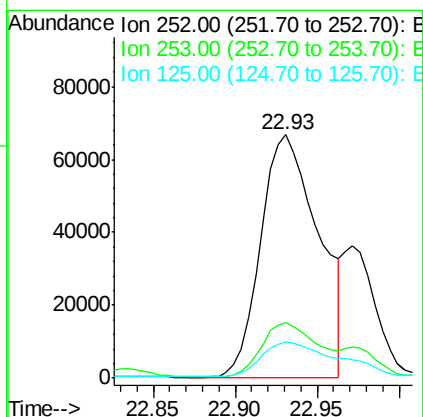
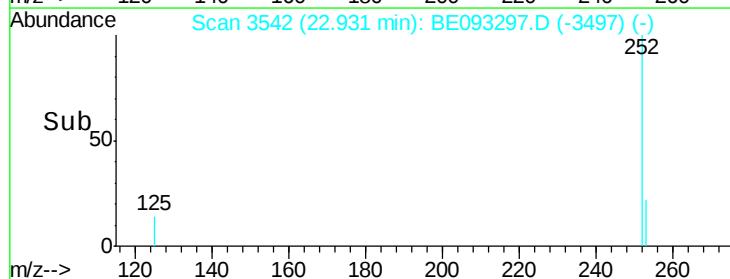
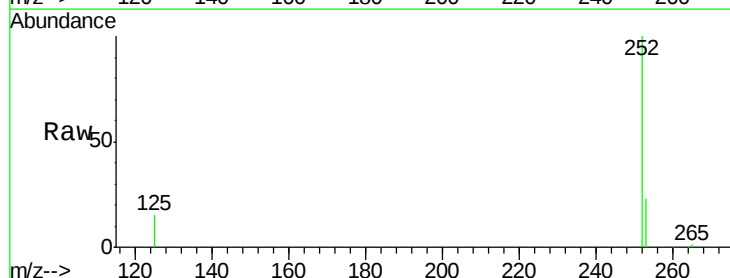
RT: 22.93 min Scan# 3542

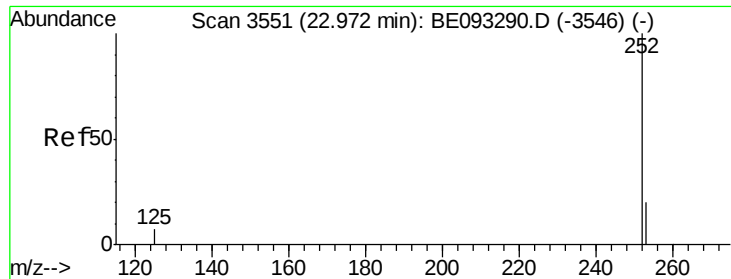
Delta R.T. 0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Tgt Ion:	252	Resp:	163480
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	64.2
125	14.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.360 ng/ul m

RT: 22.97 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Instrument :

BNA_E

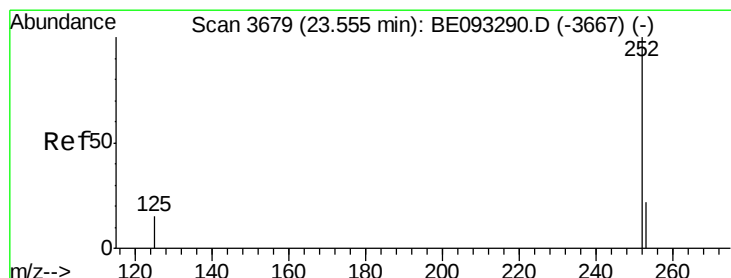
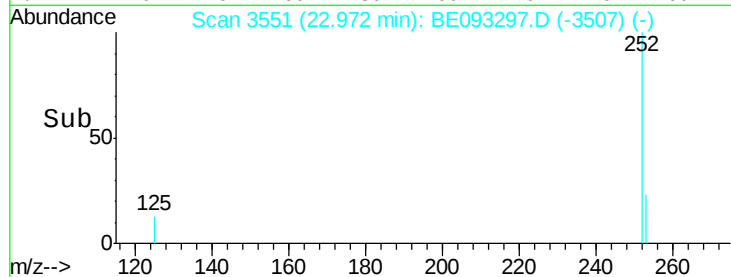
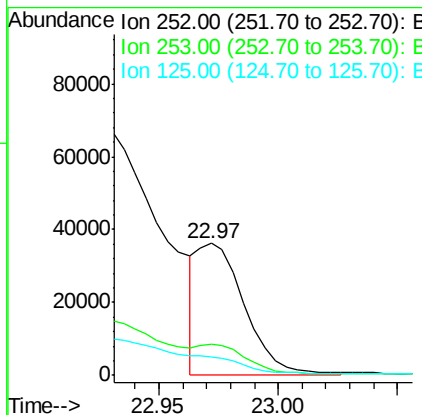
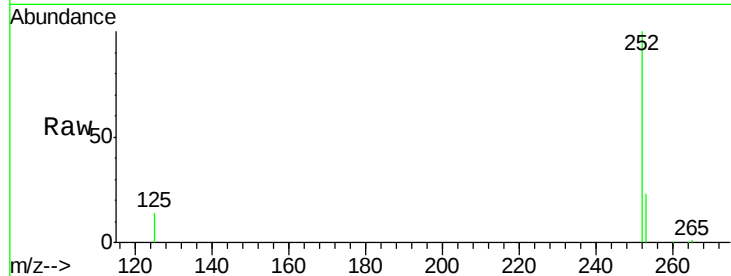
ClientSampled :

F5E25

Tgt Ion:	252	Resp:	50666
Ion Ratio	Lower	Upper	
252	100		
253	23.5	24.5	36.7#
125	14.3	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 2.542 ng/ul m

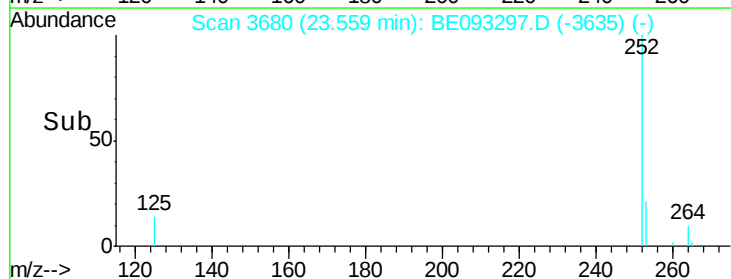
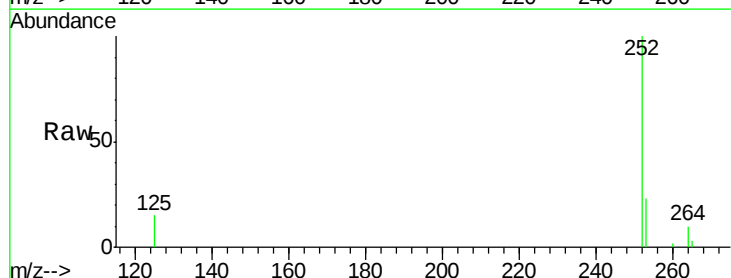
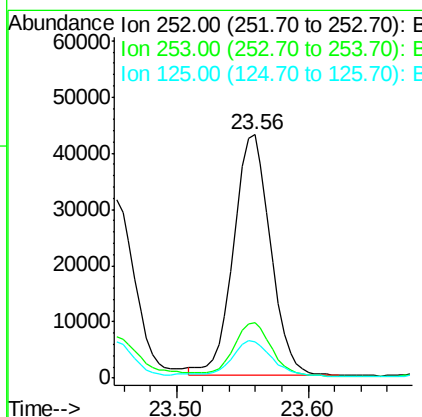
RT: 23.56 min Scan# 3680

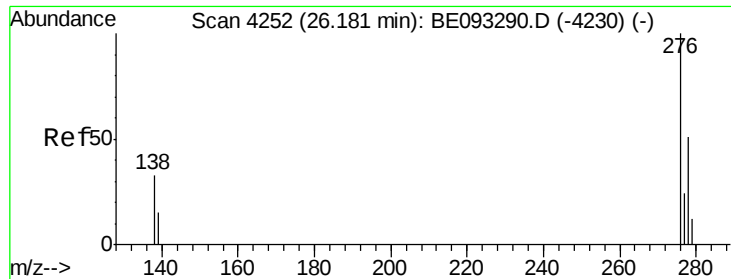
Delta R.T. 0.00 min

Lab File: BE093297.D

Acq: 21 Jun 2017 00:41

Tgt Ion:	252	Resp:	84295
Ion Ratio	Lower	Upper	
252	100		
253	22.9	28.5	42.7#
125	15.1	18.1	27.1#





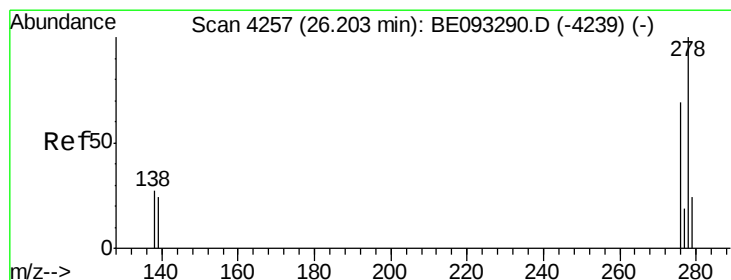
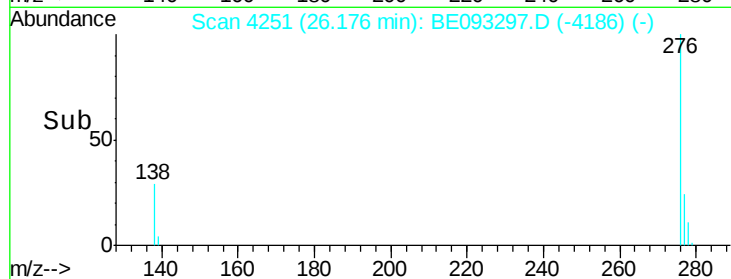
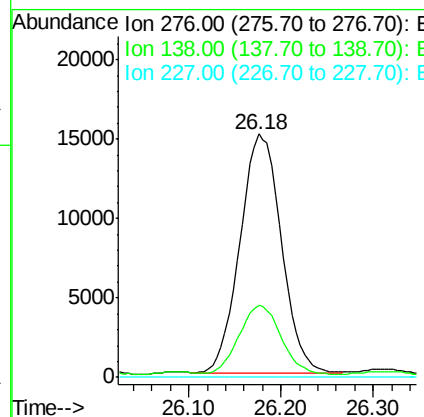
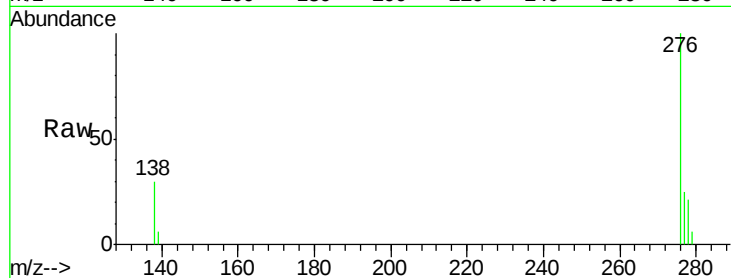
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.224 ng/ul m
 RT: 26.18 min Scan# 4251
 Delta R.T. -0.01 min
 Lab File: BE093297.D
 Acq: 21 Jun 2017 00:41

Instrument :
 BNA_E
 ClientSampleId :
 F5E25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	46982		
138	3.0	28.0	42.0#	
227	0.0	8.0	12.0#	

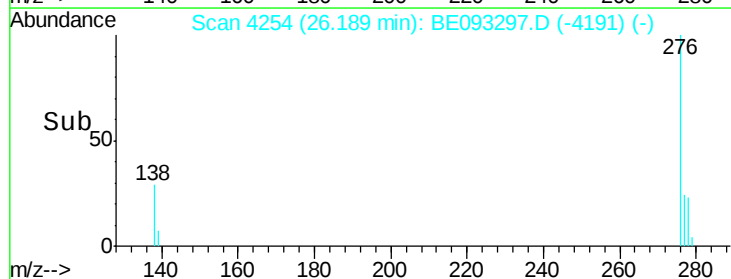
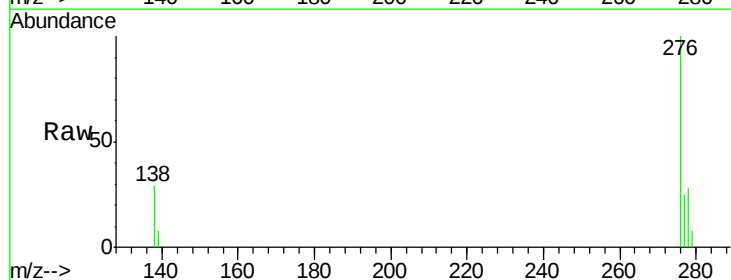
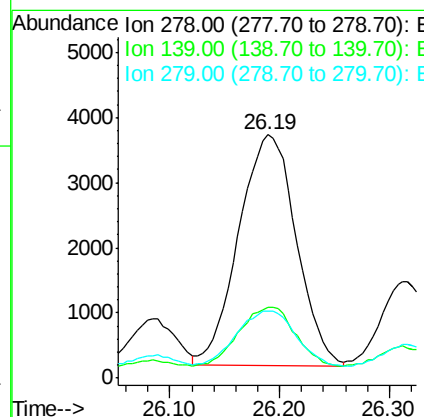
Manual Integrations
 APPROVED

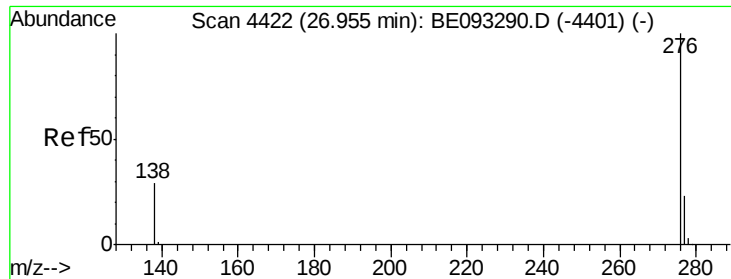
mohammad
 6/21/2017 12:19:08 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.398 ng/ul m
 RT: 26.19 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093297.D
 Acq: 21 Jun 2017 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	12862		
139	29.3	17.4	26.0#	
279	27.5	25.9	38.9	





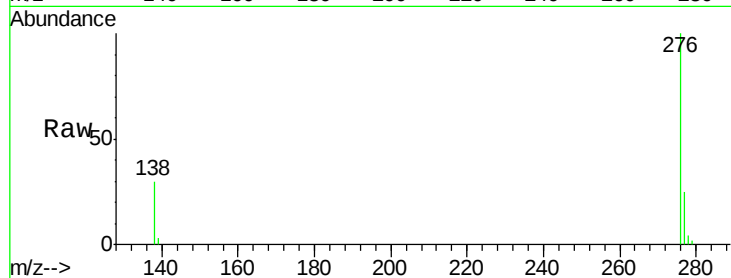
#26
 Benzo(g,h,i)perylene
 Concen: 0.924 ng/ul
 RT: 26.95 min Scan# 4422
 Delta R.T. -0.00 min
 Lab File: BE093297.D
 Acq: 21 Jun 2017 00:41

Instrument :
 BNA_E
 ClientSampleId :
 F5E25

Tgt Ion:	276	Resp:	30420
Ion Ratio	Lower	Upper	
276	100		
138	30.5	21.8	32.8
277	24.7	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 6/21/2017 12:19:08 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

