

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093231.D
 Acq On : 16 Jun 2017 5:07
 Operator : SJ/MA
 Sample : I3520-14DL 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B41DL

Manual Integrations
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mohammad
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Quant Time: Jun 16 06:41:05 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 05:36:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2810	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13890	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7784	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18108	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	19857	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	16504	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	681	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1635	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	4444	0.129	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	972	0.041	ng/ul	98
7) Acenaphthylene	14.09	152	17827	0.534	ng/ul	96
8) Acenaphthene	14.43	153	663	0.025	ng/ul#	91
9) Fluorene	15.42	166	923	0.029	ng/ul#	83
12) Phenanthrene	17.14	178	10306	0.207	ng/ul#	89
13) Anthracene	17.22	178	39044	0.900	ng/ul#	88
15) Fluoranthene	19.16	202	83766	1.371	ng/ul	83
17) Pyrene	19.52	202	138002	2.357	ng/ul#	82
18) Benzo(a)anthracene	21.24	228	114610	2.164	ng/ul#	86
19) Chrysene	21.29	228	130409	2.373	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	327839m	6.546	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	108489m	2.039	ng/ul	
23) Benzo(a)pyrene	23.56	252	143852	3.038	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	92483	1.687	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.20	278	24719	0.535	ng/ul	91
26) Benzo(g,h,i)perylene	26.96	276	68285	1.452	ng/ul	96

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

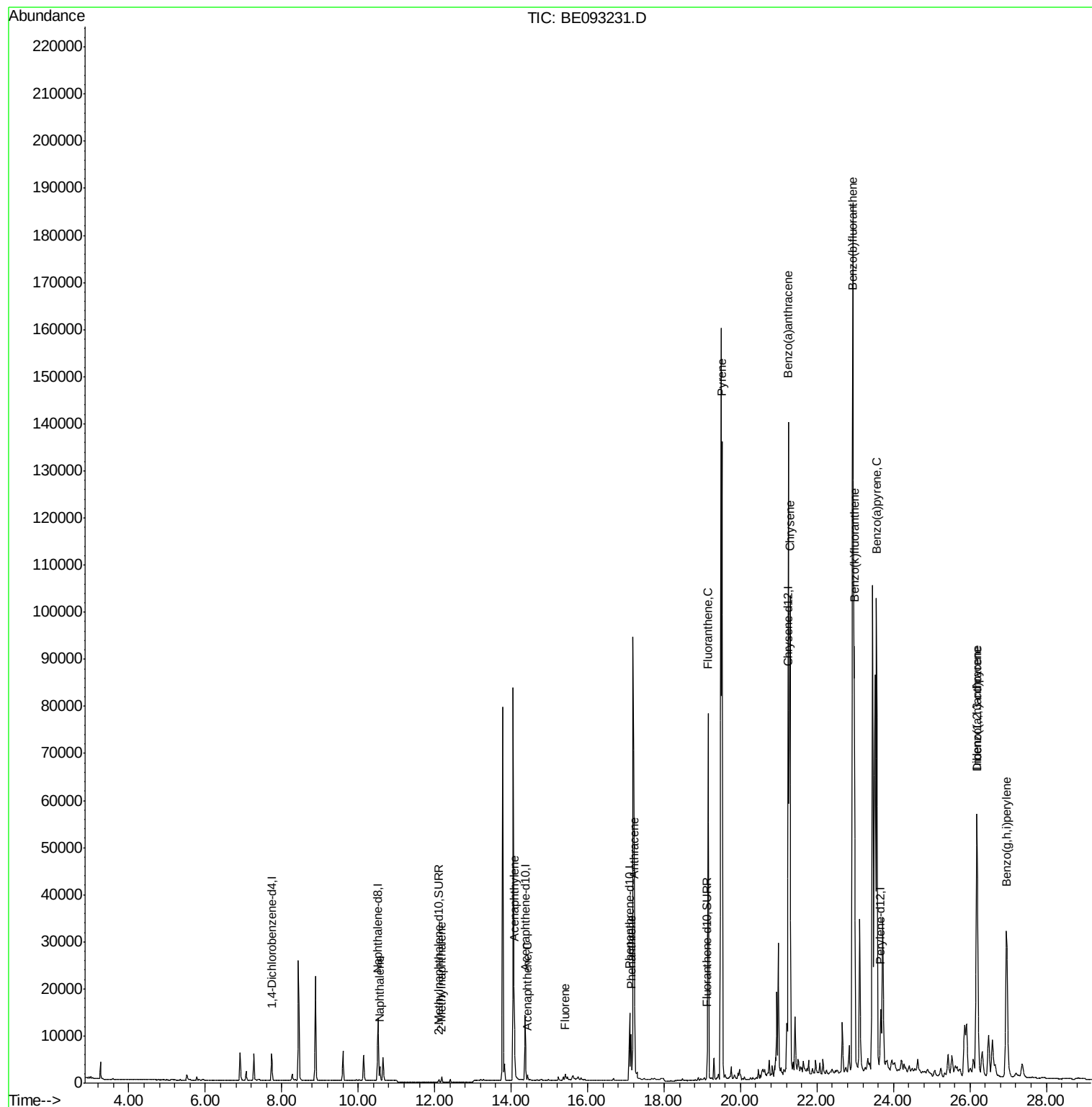
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093231.D
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ALS Vial : 25 Sample Multiplier: 1

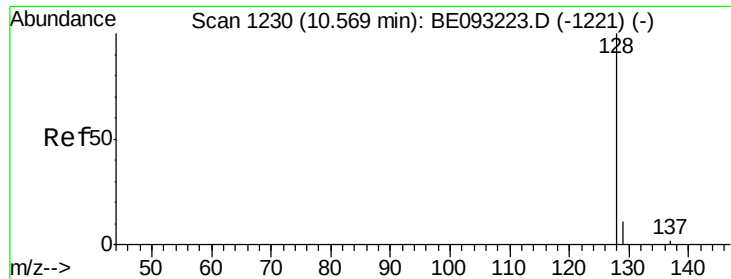
Instrument :
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F5B41DL

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Quant Time: Jun 16 06:41:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.129 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Instrument :

BNA_E

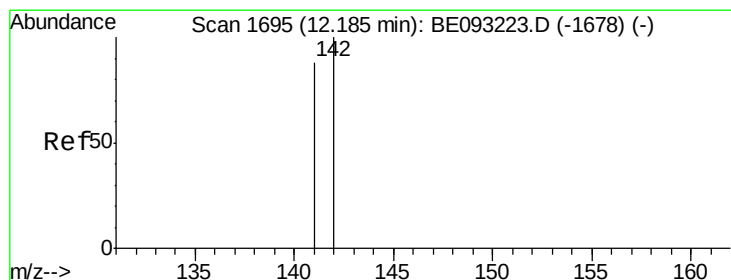
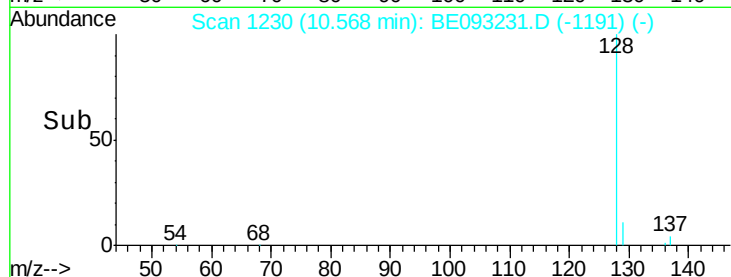
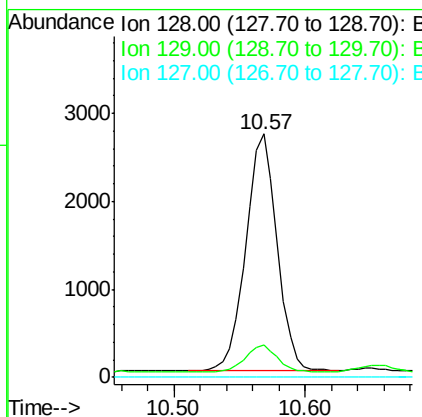
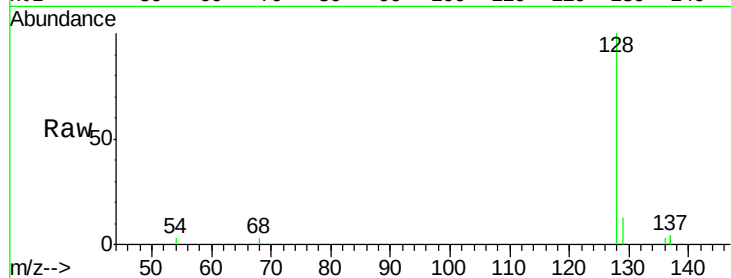
ClientSampleId :

F5B41DL

Tgt Ion:	128	Resp:	4444
Ion Ratio	Lower	Upper	
128	100		
129	13.1	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.041 ng/ul

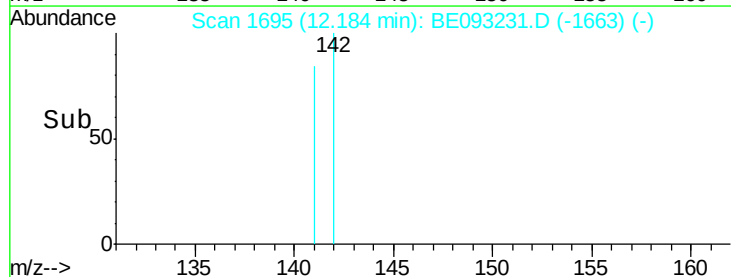
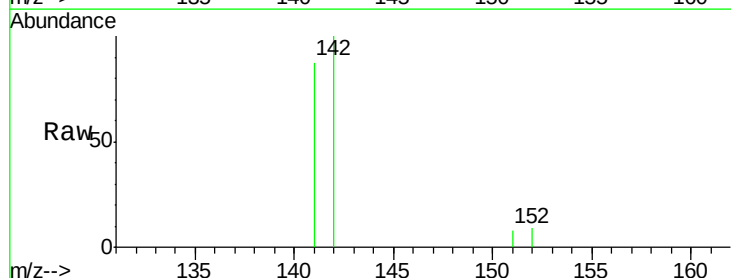
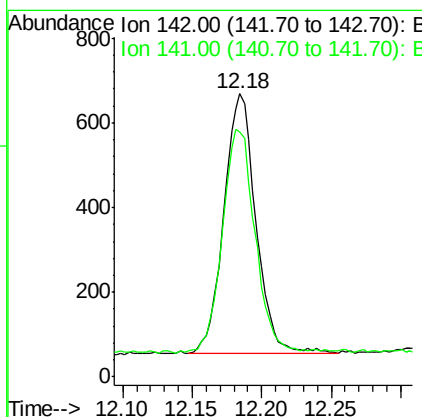
RT: 12.18 min Scan# 1695

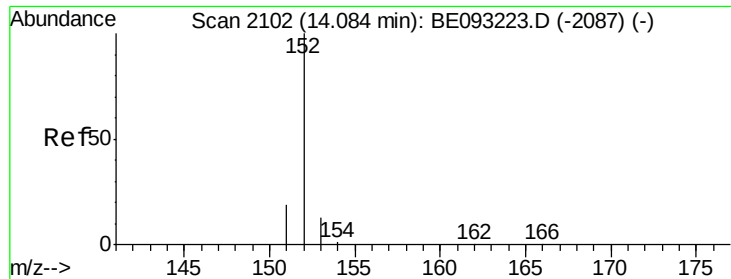
Delta R.T. -0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Tgt Ion:	142	Resp:	972
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.534 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Instrument :

BNA_E

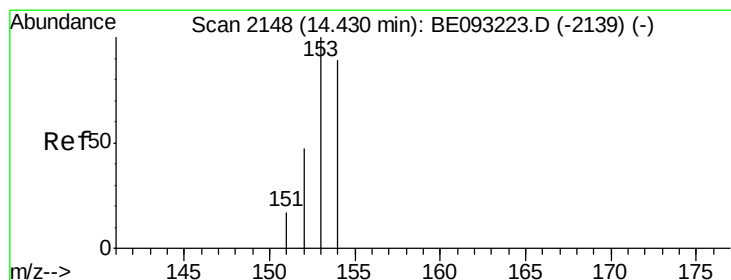
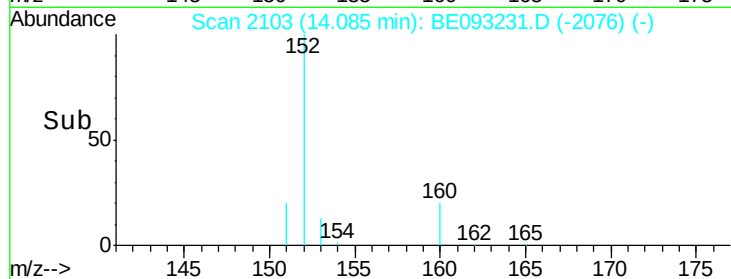
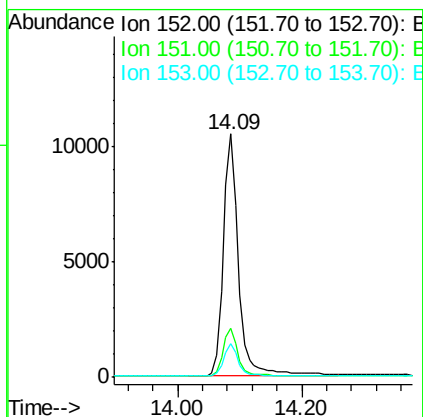
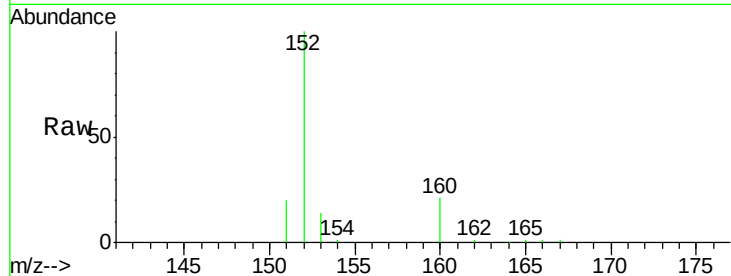
ClientSampleId :

F5B41DL

Tgt Ion:	152	Resp:	17827
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.1	25.7
153	13.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.025 ng/ul

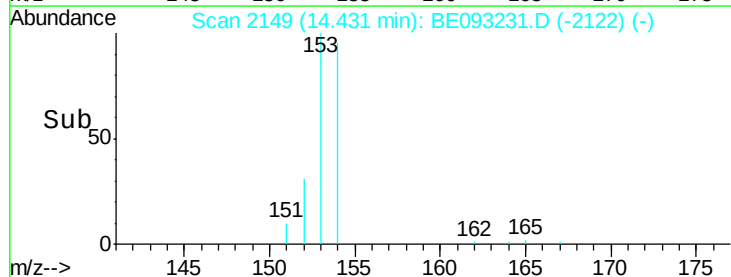
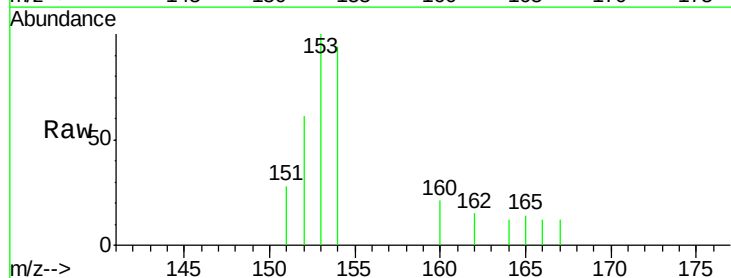
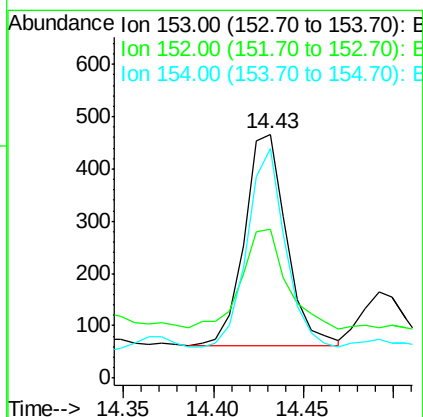
RT: 14.43 min Scan# 2149

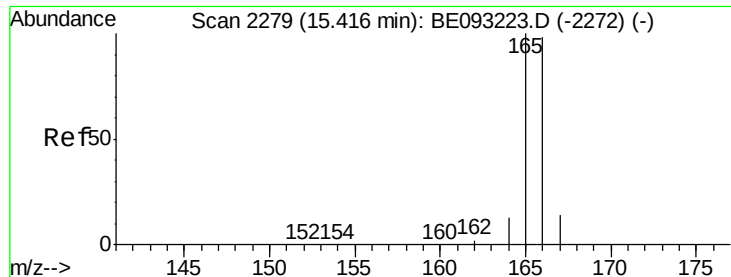
Delta R.T. 0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Tgt Ion:	153	Resp:	663
Ion Ratio	Lower	Upper	
153	100		
152	60.9	40.3	60.5
154	94.2	71.4	107.2





#9

Fluorene

Concen: 0.029 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Instrument :

BNA_E

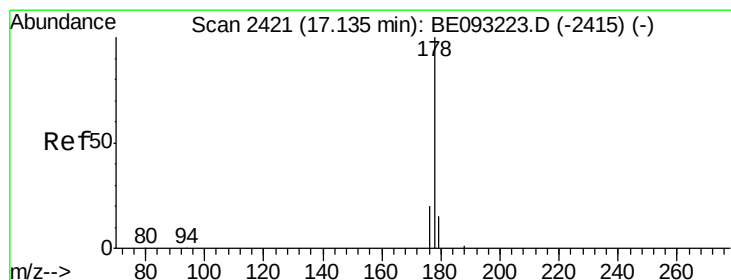
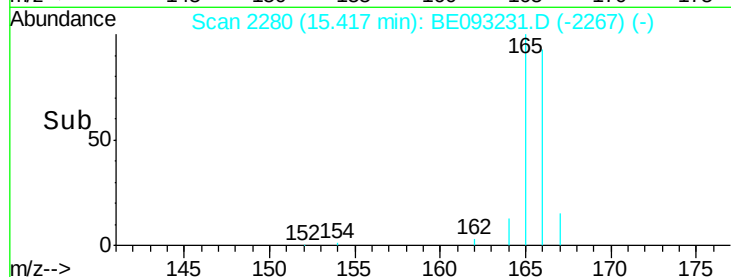
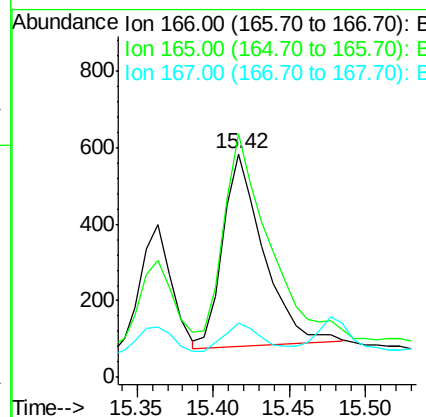
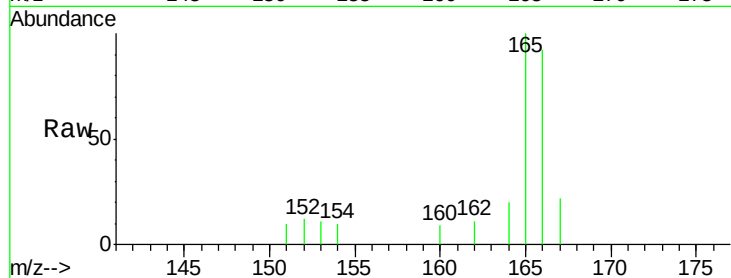
ClientSampleId :

F5B41DL

Tgt Ion:	166	Resp:	923
Ion Ratio	Lower	Upper	
166	100		
165	109.1	73.4	110.2
167	24.5	14.6	22.0#

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#12

Phenanthrene

Concen: 0.207 ng/ul

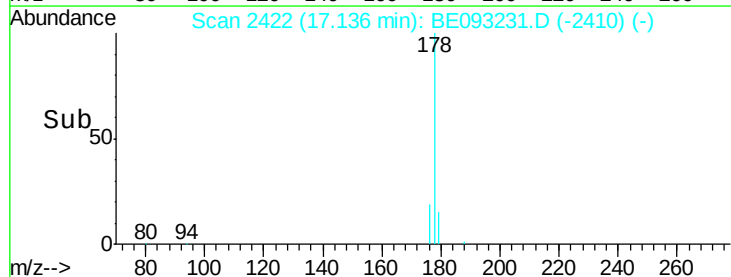
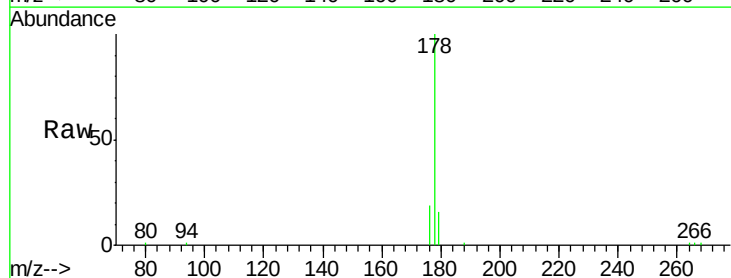
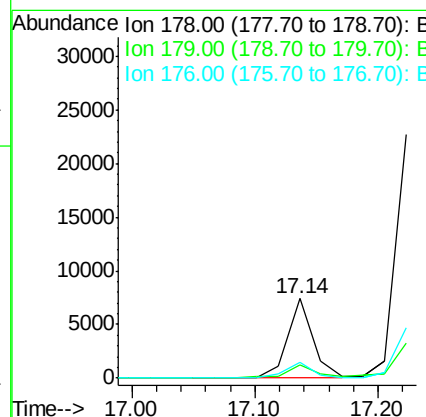
RT: 17.14 min Scan# 2422

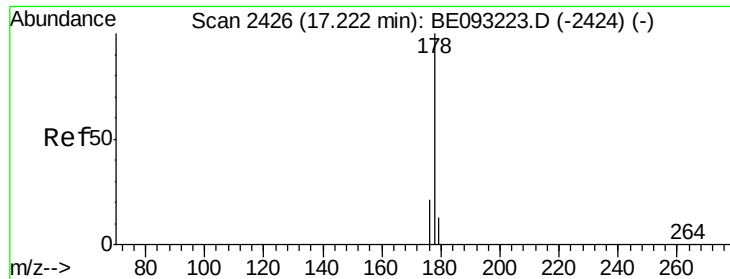
Delta R.T. 0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Tgt Ion:	178	Resp:	10306
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.4	27.6#
176	19.4	13.6	20.4





#13

Anthracene

Concen: 0.900 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Instrument :

BNA_E

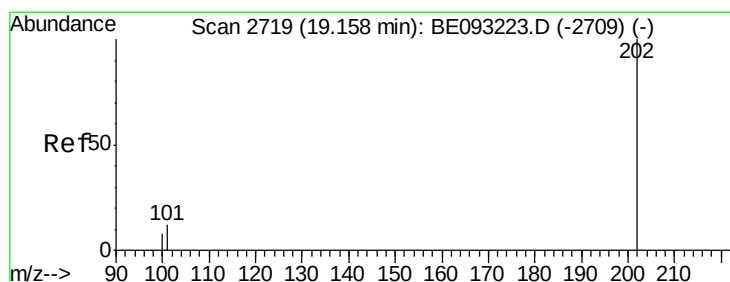
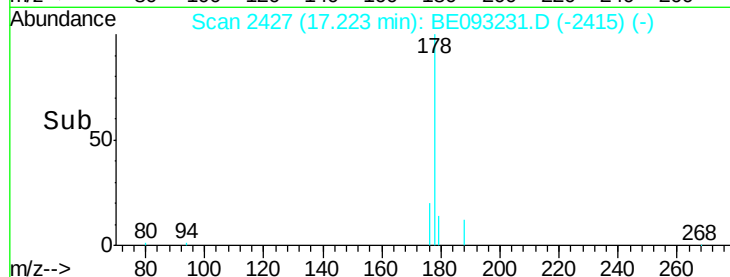
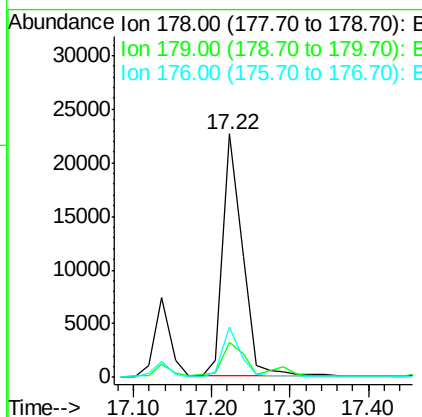
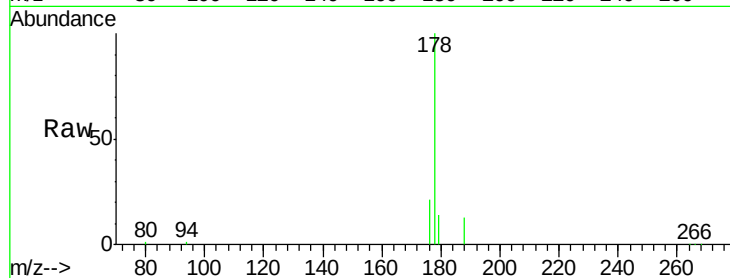
ClientSampleId :

F5B41DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	18.1	27.1#
176	20.6	14.7	22.1

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#15

Fluoranthene

Concen: 1.371 ng/ul

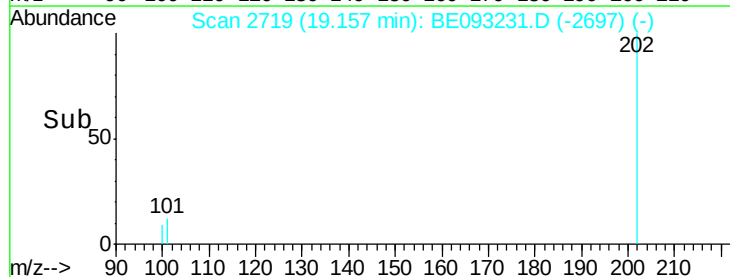
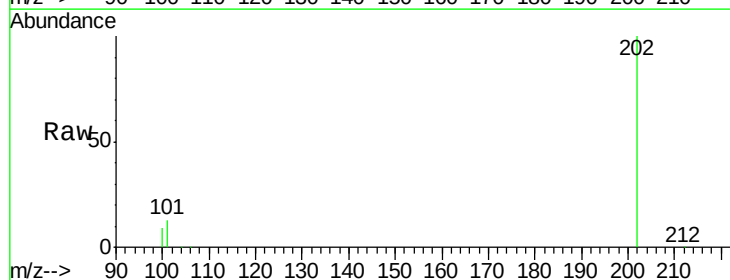
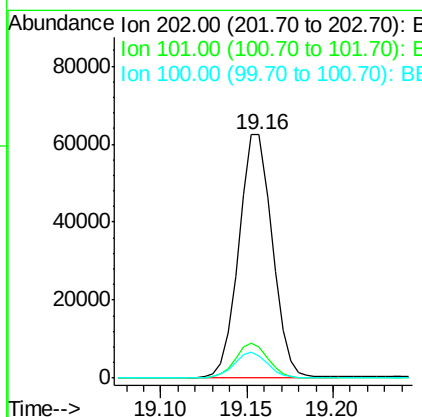
RT: 19.16 min Scan# 2719

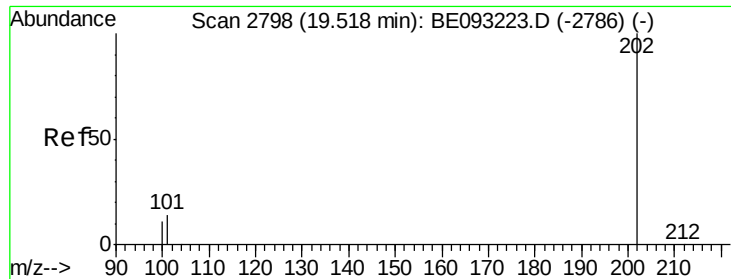
Delta R.T. -0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	9.0	0.0	39.5





#17

Pyrene

Concen: 2.357 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Instrument :

BNA_E

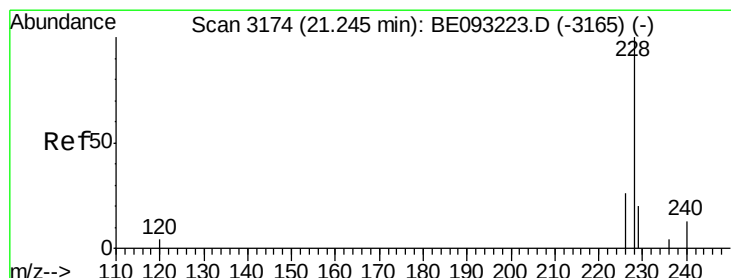
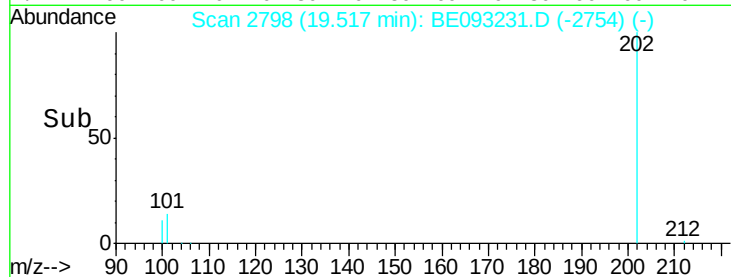
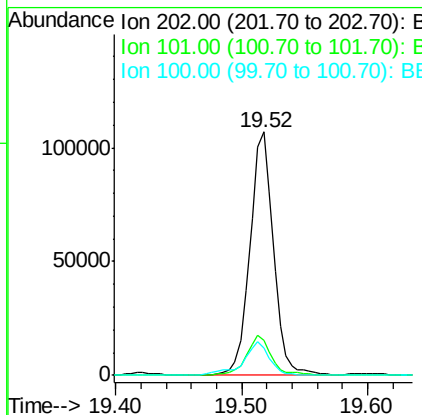
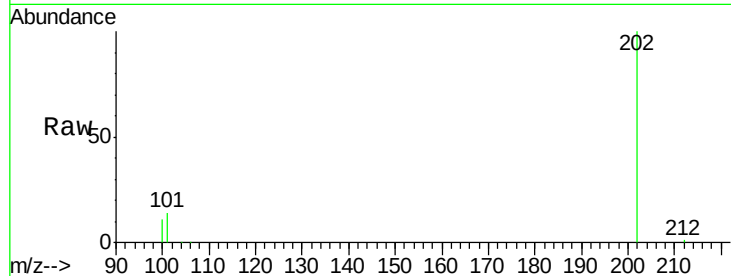
ClientSampleId :

F5B41DL

Tgt Ion:	202	Resp:	138002
Ion Ratio		Lower	Upper
202	100		
101	14.4	18.2	27.4#
100	11.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.164 ng/ul

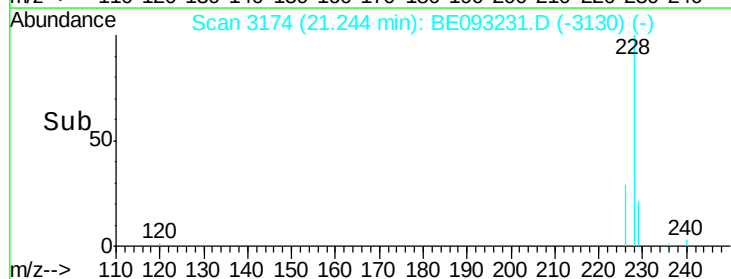
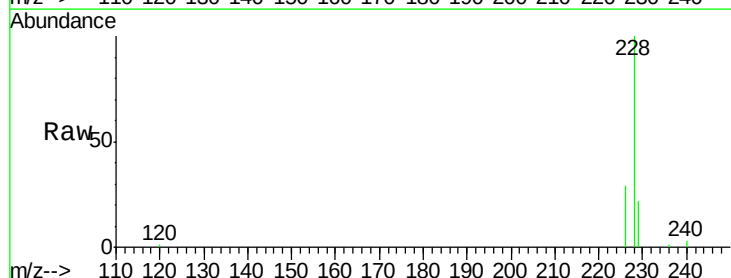
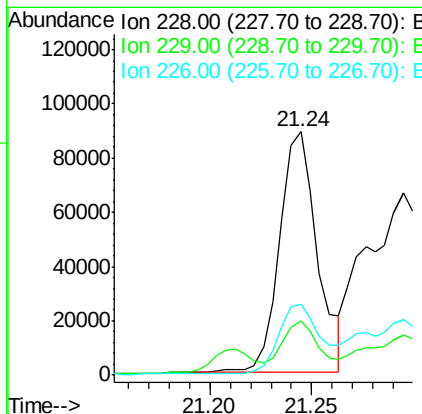
RT: 21.24 min Scan# 3174

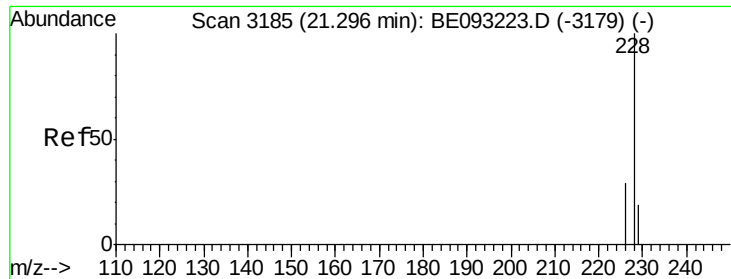
Delta R.T. -0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Tgt Ion:	228	Resp:	114610
Ion Ratio		Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	29.2	17.0	25.6#





#19

Chrysene

Concen: 2.373 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Instrument :

BNA_E

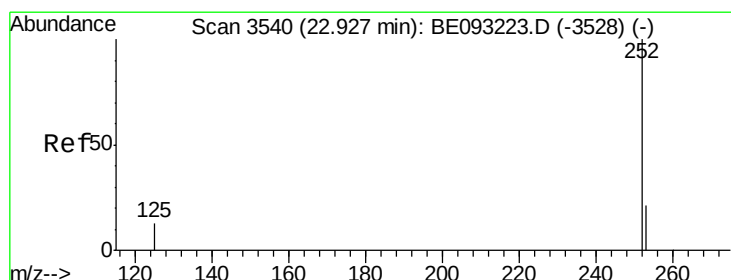
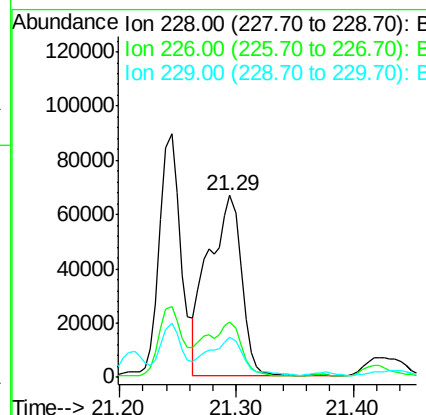
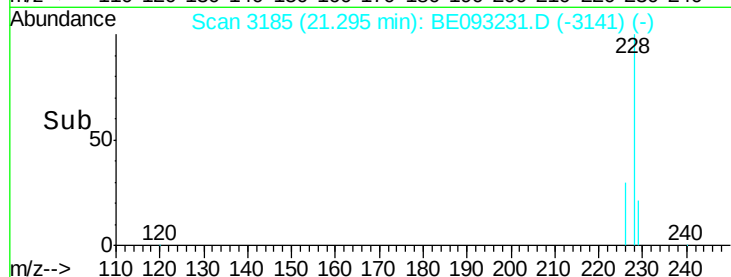
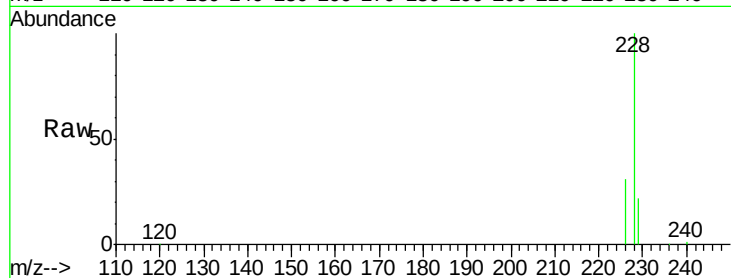
ClientSampleId :

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Tgt Ion:	228	Resp:	130409
Ion Ratio		Lower	Upper
228	100		
226	30.7	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 6.546 ng/ul m

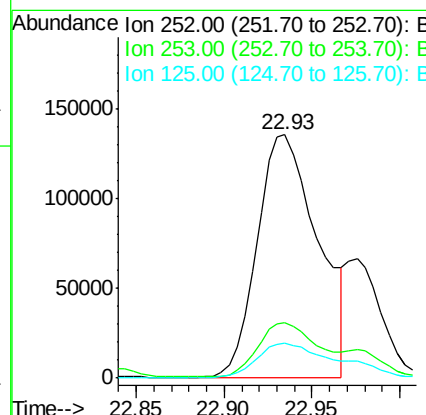
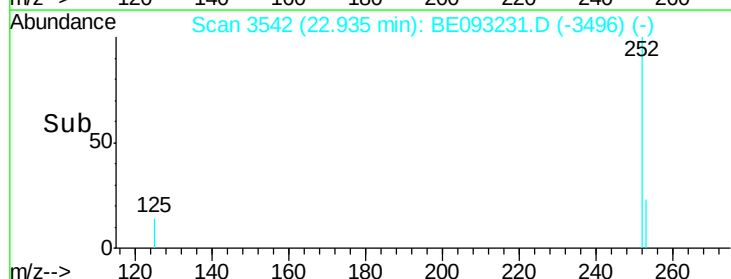
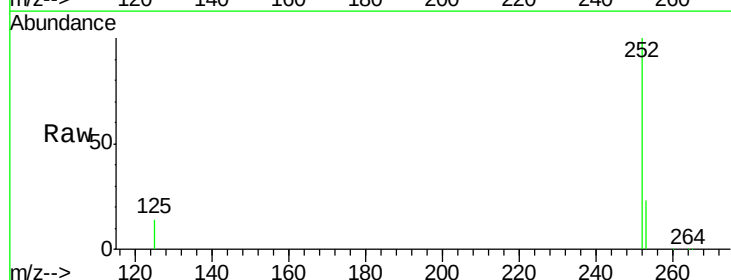
RT: 22.93 min Scan# 3542

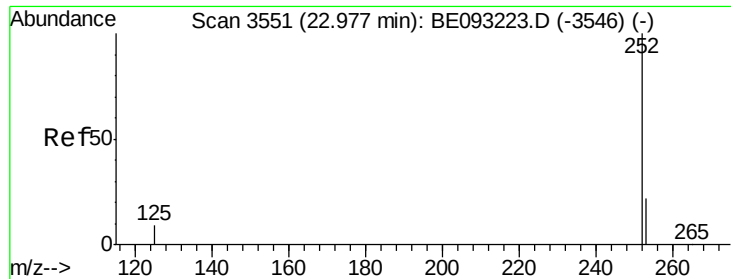
Delta R.T. 0.01 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Tgt Ion:	252	Resp:	327839
Ion Ratio		Lower	Upper
252	100		
253	22.8	0.0	64.2
125	14.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.039 ng/ul m

RT: 22.98 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Instrument :

BNA_E

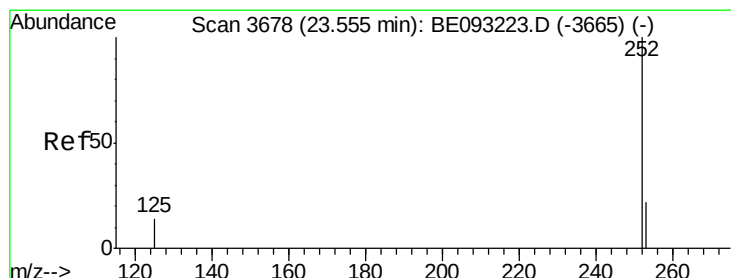
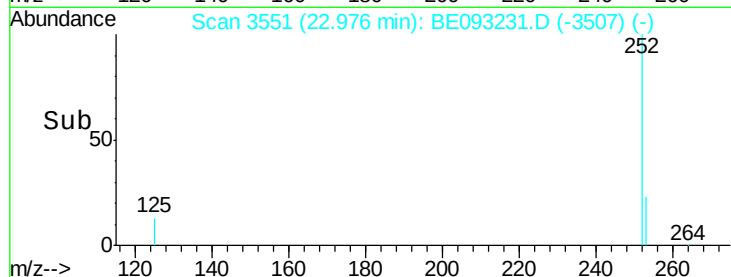
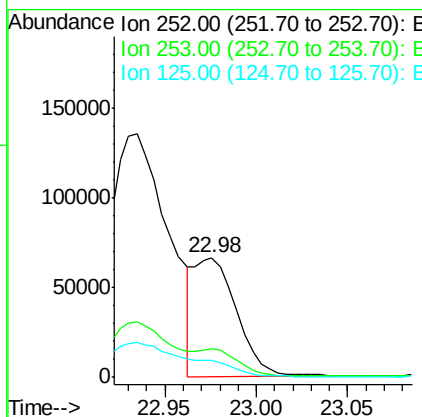
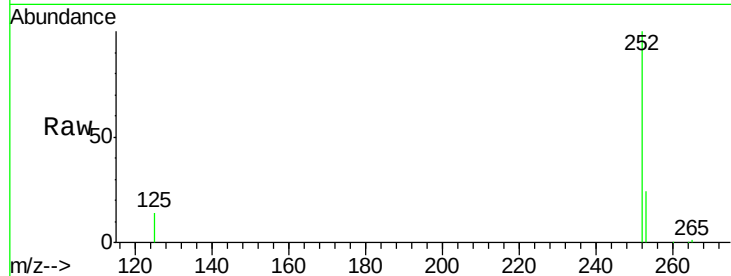
ClientSampleId :

F5B41DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	13.9	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 3.038 ng/ul

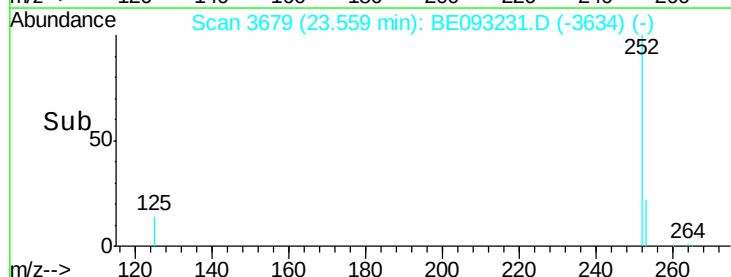
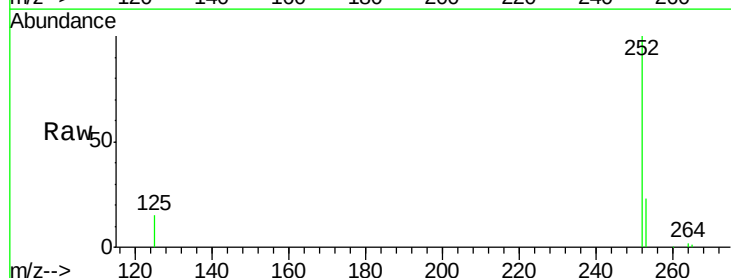
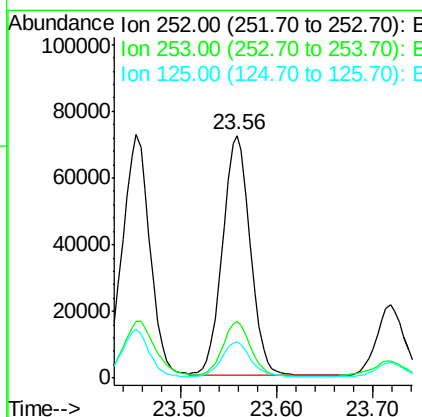
RT: 23.56 min Scan# 3679

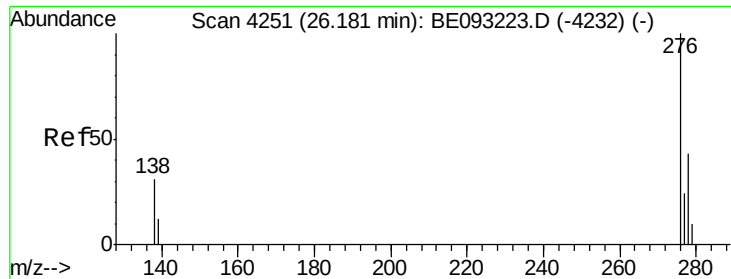
Delta R.T. 0.00 min

Lab File: BE093231.D

Acq: 16 Jun 2017 5:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	15.0	18.1	27.1#





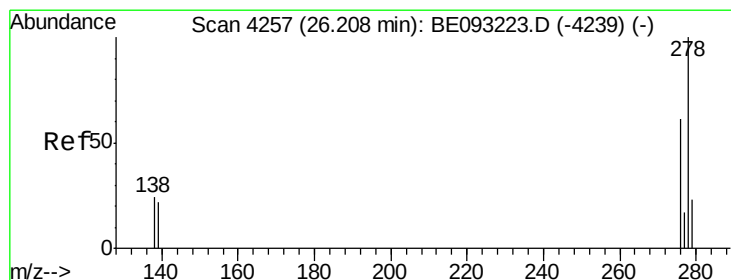
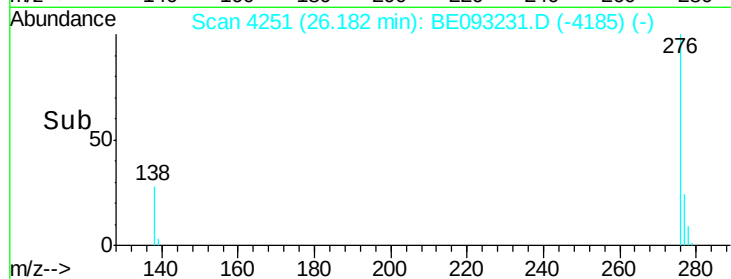
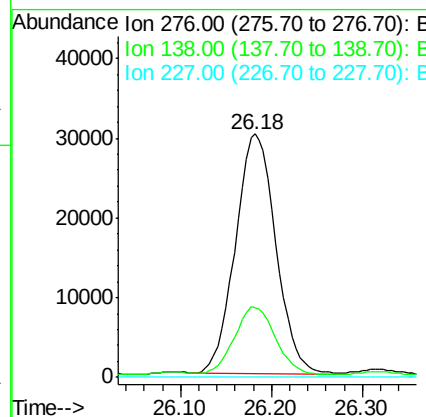
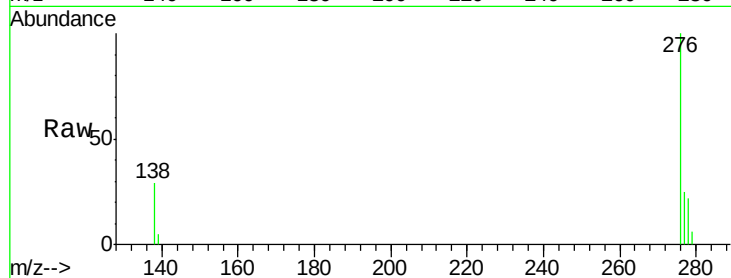
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.687 ng/ul
 RT: 26.18 min Scan# 4251
 Delta R.T. 0.00 min
 Lab File: BE093231.D
 Acq: 16 Jun 2017 5:07

Instrument :
 BNA_E
 ClientSampleId :
 F5B41DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.5	28.0	42.0
227	0.0	8.0	12.0

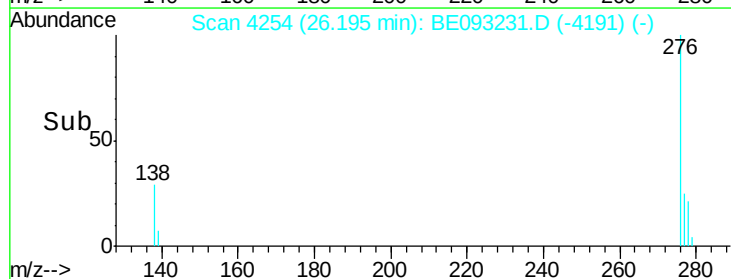
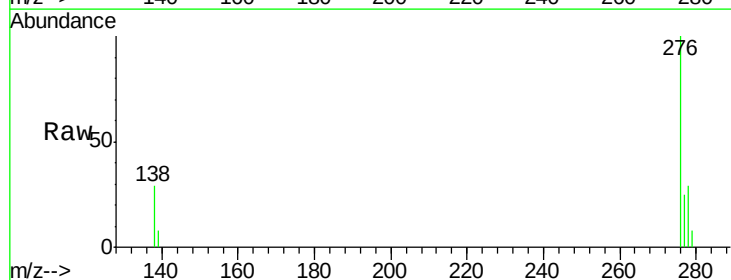
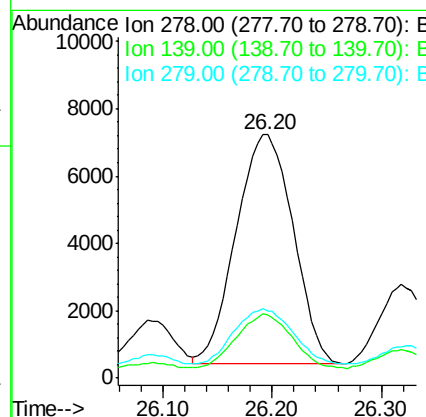
Manual Integrations
 APPROVED

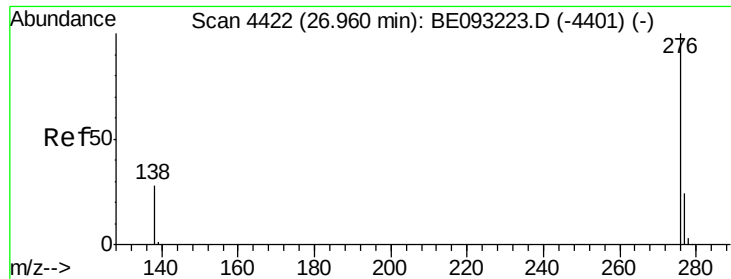
mohammad
 6/19/2017 11:07:30 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.535 ng/ul
 RT: 26.20 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093231.D
 Acq: 16 Jun 2017 5:07

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





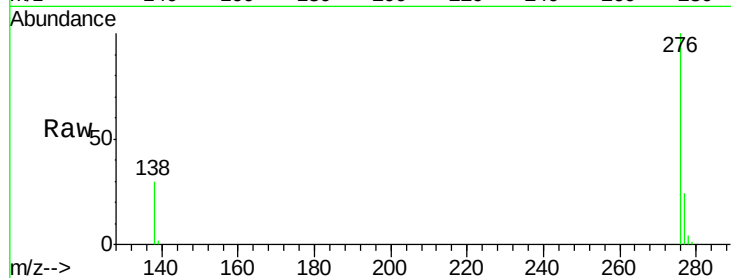
#26
 Benzo(g,h,i)perylene
 Concen: 1.452 ng/ul
 RT: 26.96 min Scan# 4421
 Delta R.T. -0.00 min
 Lab File: BE093231.D
 Acq: 16 Jun 2017 5:07

Instrument :
 BNA_E
 ClientSampleId :
 F5B41DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.6	21.8	32.8
277	24.1	20.5	30.7

Manual Integrations
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 6/19/2017 11:07:30 AM



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

