

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093233.D
 Acq On : 16 Jun 2017 8:33
 Operator : SJ/MA
 Sample : I3558-07DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C61DL

Manual Integrations
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Quant Time: Jun 16 14:20:26 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	2518	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12994	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7403	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18214	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17216	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	16991	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	592	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1499	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	10199	0.316	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	1962	0.089	ng/ul	98
7) Acenaphthylene	14.09	152	2143	0.067	ng/ul	92
8) Acenaphthene	14.43	153	2752	0.107	ng/ul	98
9) Fluorene	15.42	166	1800	0.060	ng/ul	92
12) Phenanthrene	17.14	178	14114	0.282	ng/ul#	86
13) Anthracene	17.22	178	5718	0.131	ng/ul#	89
15) Fluoranthene	19.16	202	20722	0.337	ng/ul	84
17) Pyrene	19.52	202	18724	0.369	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	10667	0.232	ng/ul#	86
19) Chrysene	21.29	228	14638	0.307	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	39698m	0.770	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	8632m	0.158	ng/ul	
23) Benzo(a)pyrene	23.55	252	18137	0.372	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.18	276	19549	0.346	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.20	278	4815	0.101	ng/ul#	87
26) Benzo(g,h,i)perylene	26.96	276	17510	0.362	ng/ul	96

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

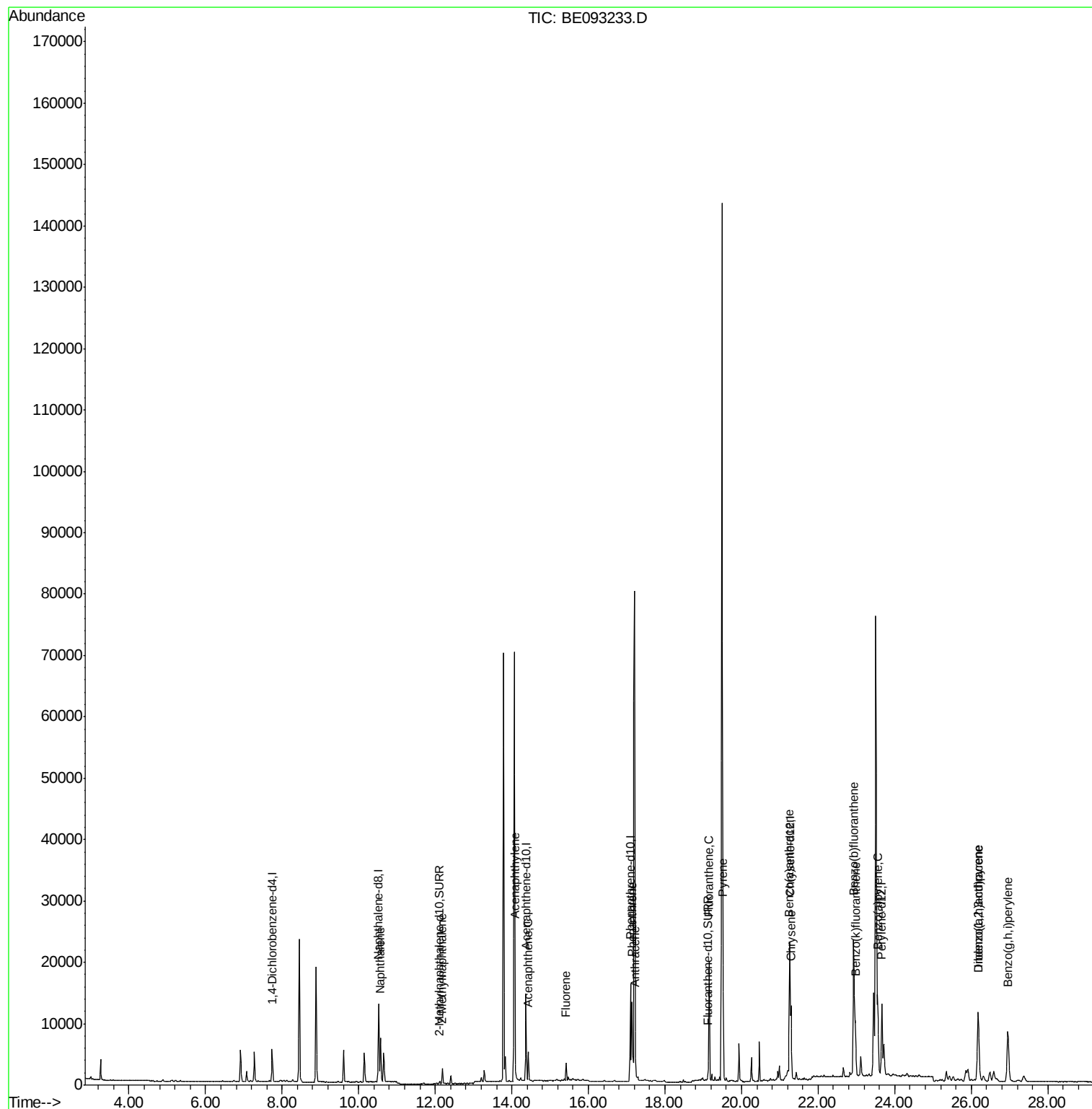
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
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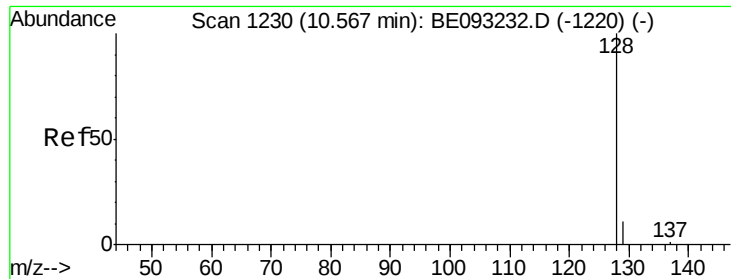
Instrument :
BNA_E
ClientSampleId :
F5C61DL

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Quant Time: Jun 16 14:20:26 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





#3

Naphthalene

Concen: 0.316 ng/ul

RT: 10.57 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Instrument :

BNA_E

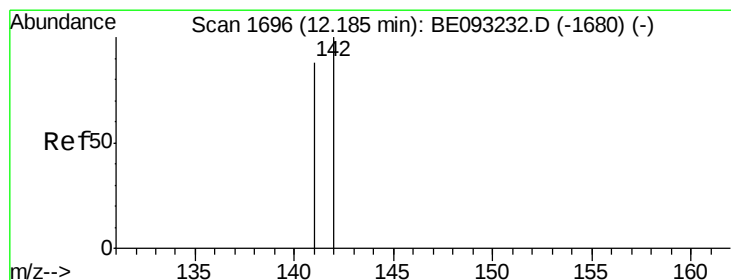
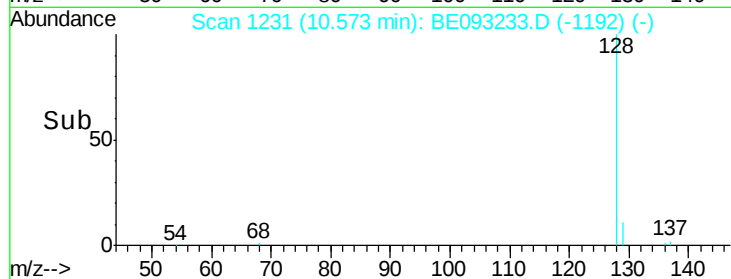
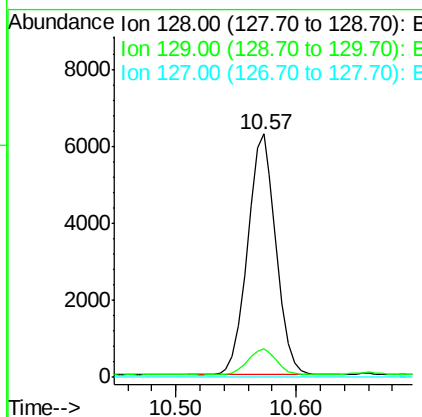
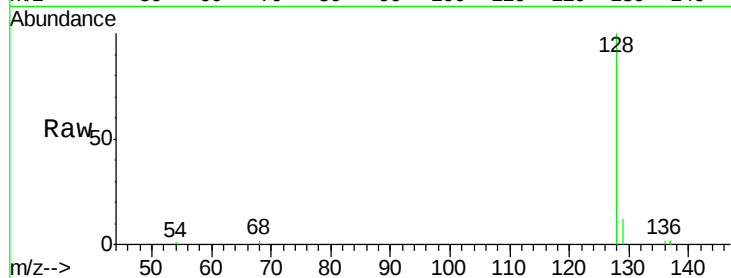
ClientSampleId :

F5C61DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.089 ng/ul

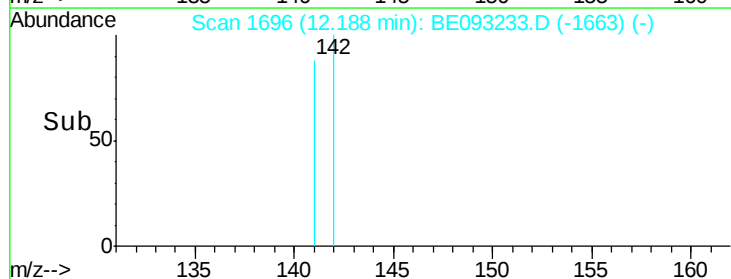
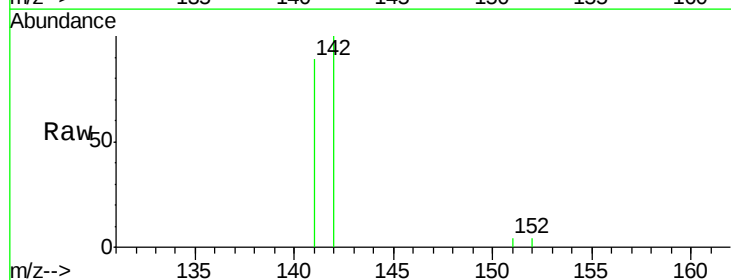
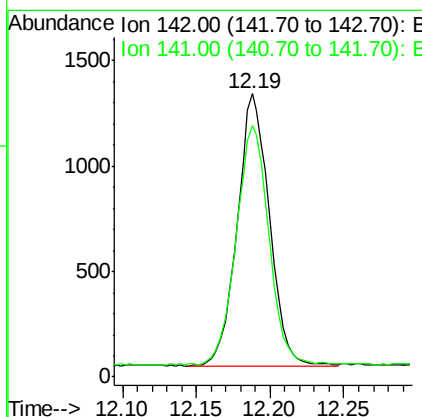
RT: 12.19 min Scan# 1696

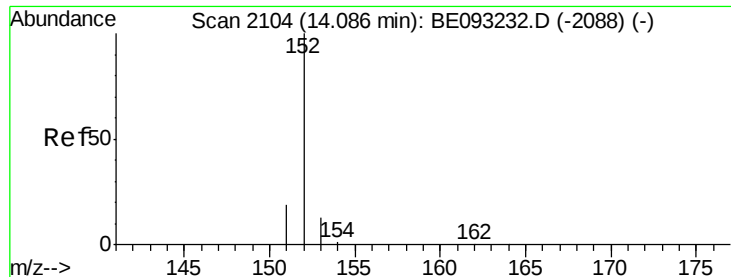
Delta R.T. 0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.067 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Instrument :

BNA_E

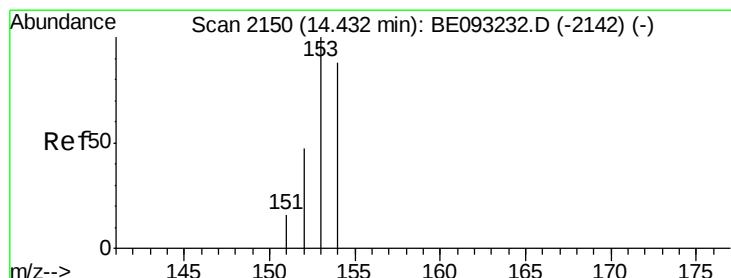
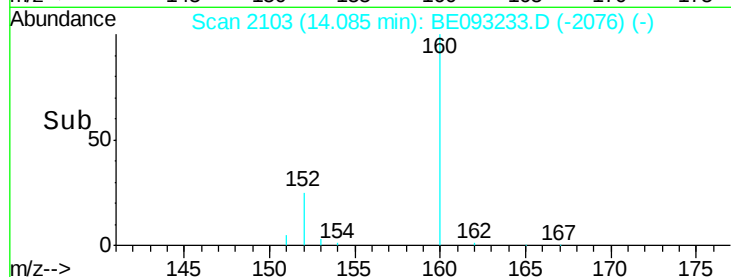
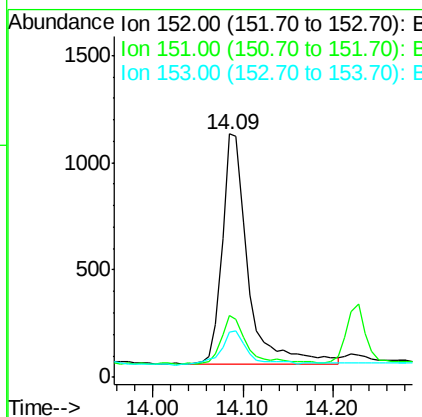
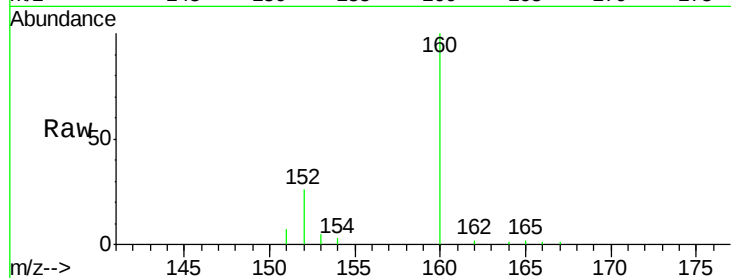
ClientSampleId :

F5C61DL

Tgt Ion:	152	Resp:	2143
Ion Ratio	Lower	Upper	
152	100		
151	25.4	17.1	25.7
153	18.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.107 ng/ul

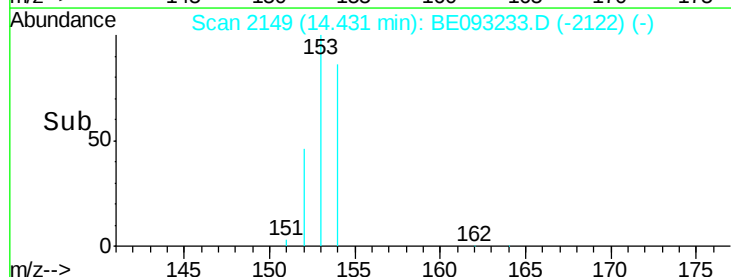
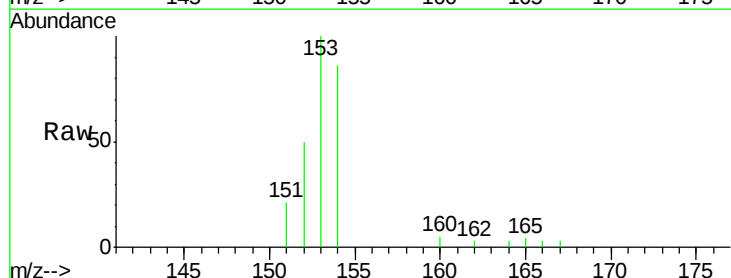
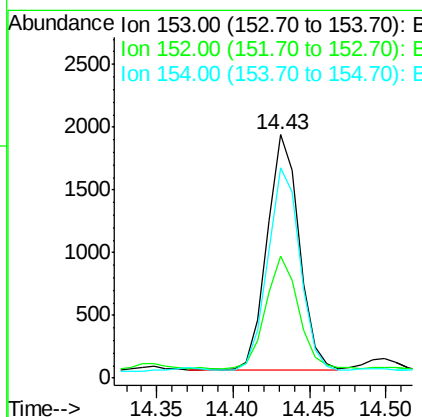
RT: 14.43 min Scan# 2149

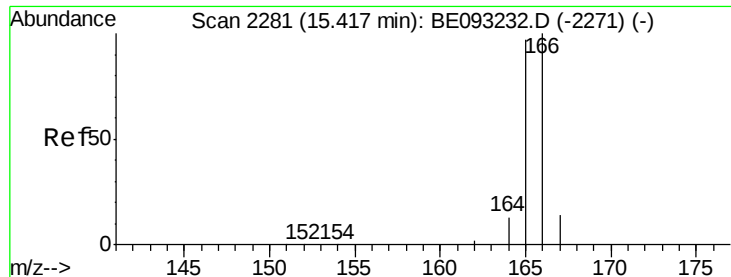
Delta R.T. 0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Tgt Ion:	153	Resp:	2752
Ion Ratio	Lower	Upper	
153	100		
152	49.9	40.3	60.5
154	86.4	71.4	107.2





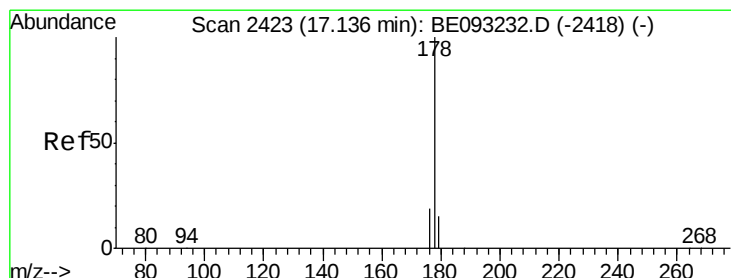
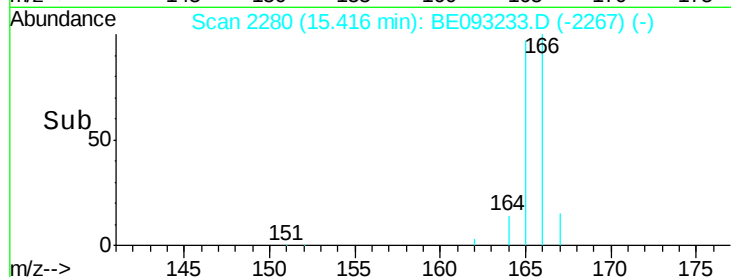
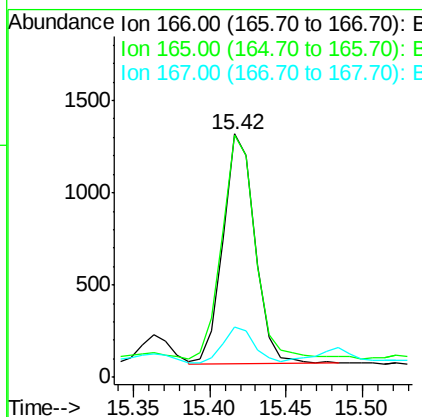
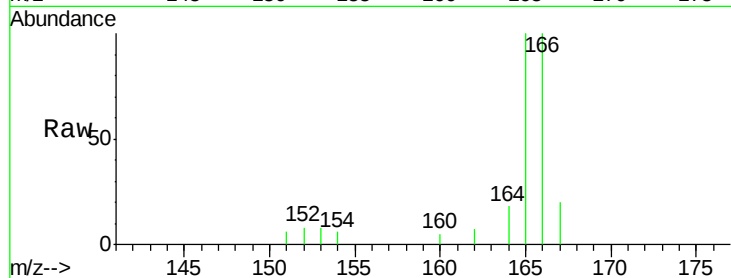
#9
Fluorene
 Concen: 0.060 ng/ul
 RT: 15.42 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE093233.D
 Acq: 16 Jun 2017 8:33

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	73.4	110.2
167	20.5	14.6	22.0

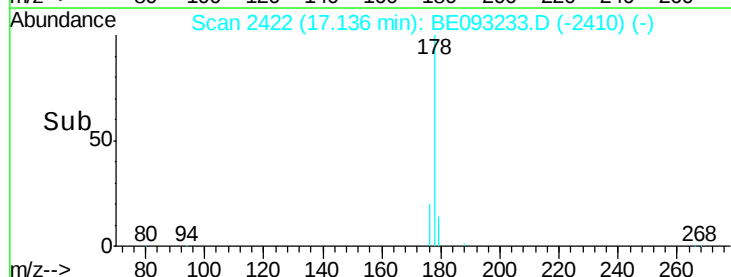
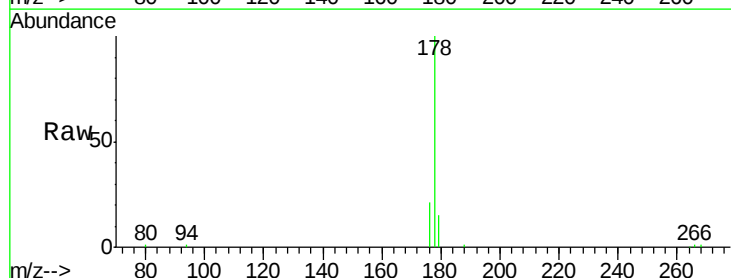
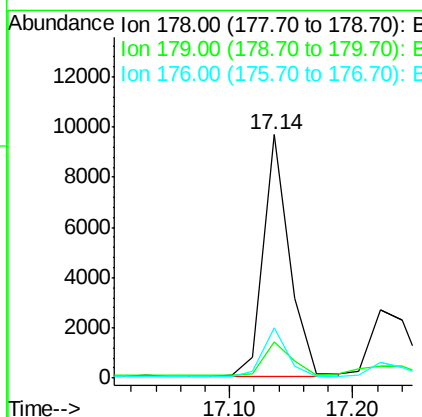
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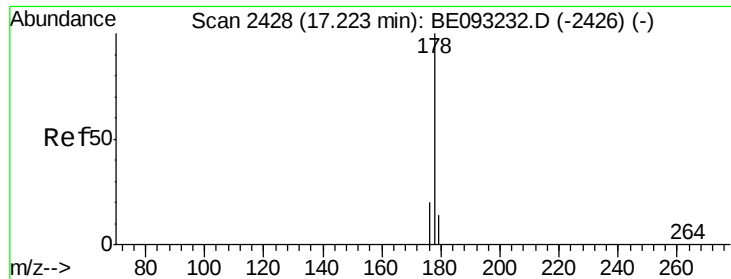
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#12
Phenanthrene
 Concen: 0.282 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BE093233.D
 Acq: 16 Jun 2017 8:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	20.8	13.6	20.4#





#13

Anthracene

Concen: 0.131 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Instrument :

BNA_E

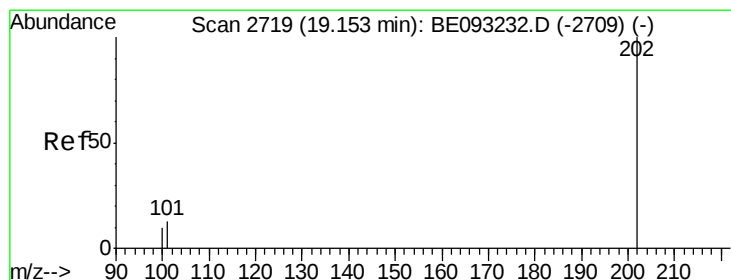
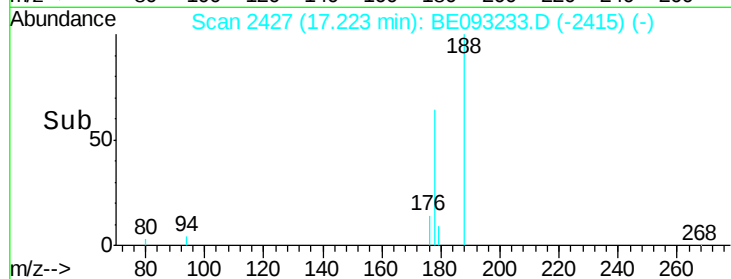
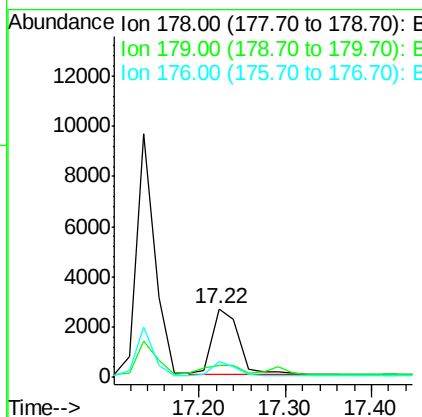
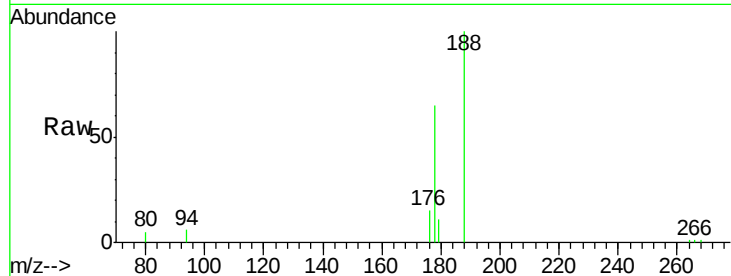
ClientSampleId :

F5C61DL

Tgt Ion:	178	Resp:	5718
Ion Ratio	Lower	Upper	
178	100		
179	17.2	18.1	27.1#
176	23.4	14.7	22.1#

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#15

Fluoranthene

Concen: 0.337 ng/ul

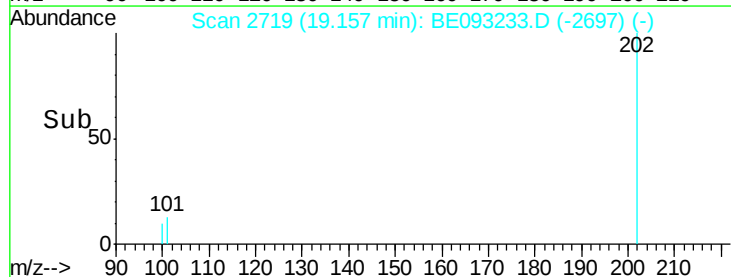
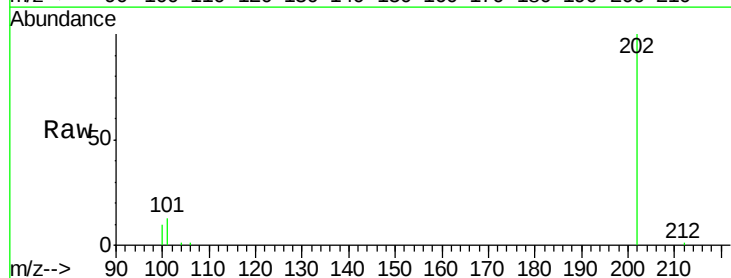
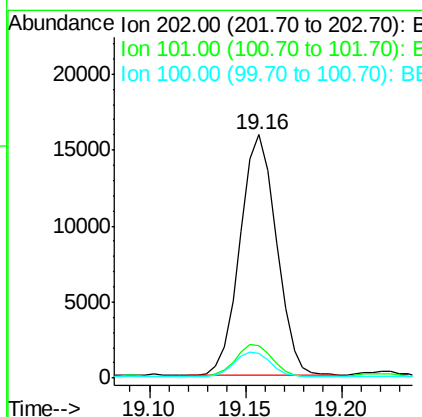
RT: 19.16 min Scan# 2719

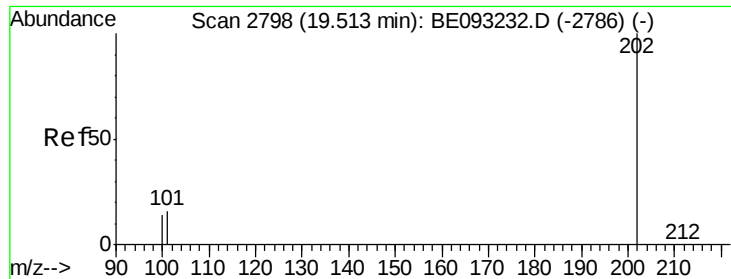
Delta R.T. -0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Tgt Ion:	202	Resp:	20722
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	30.3
100	10.1	0.0	39.5





#17

Pyrene

Concen: 0.369 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Instrument :

BNA_E

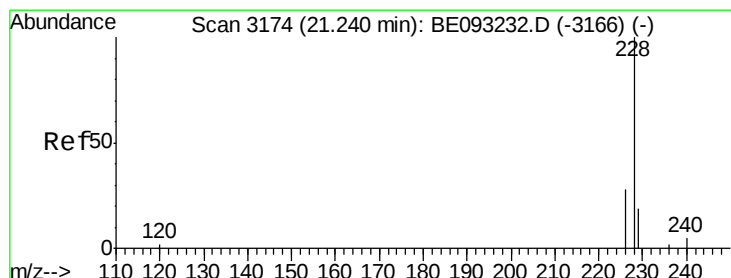
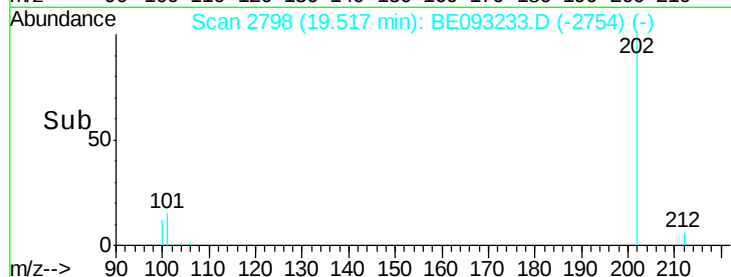
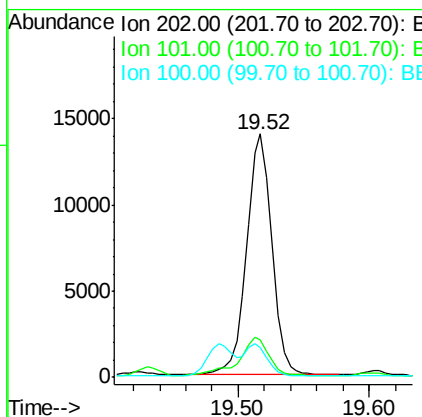
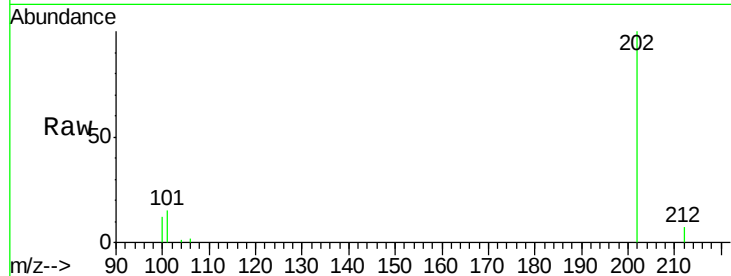
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Tgt Ion:	202	Resp:	18724
Ion Ratio	Lower	Upper	
202	100		
101	15.4	18.2	27.4#
100	12.5	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.232 ng/ul

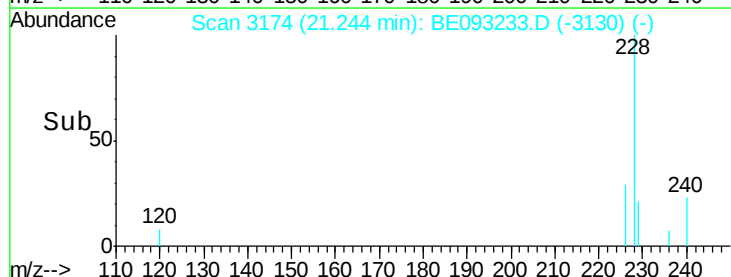
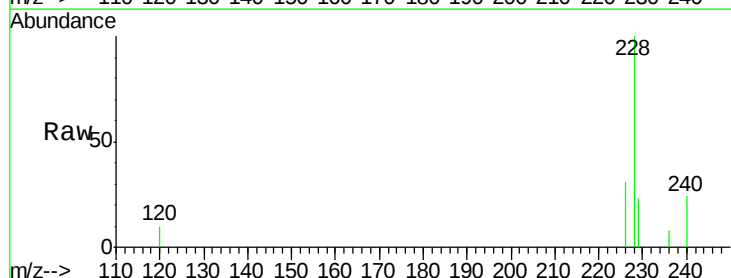
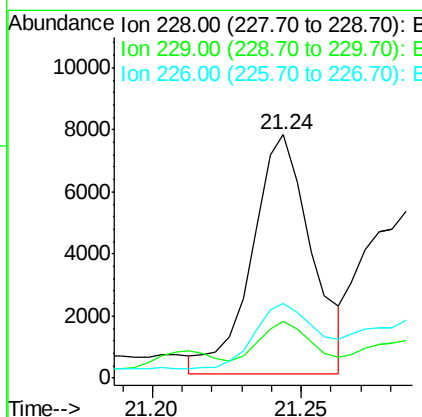
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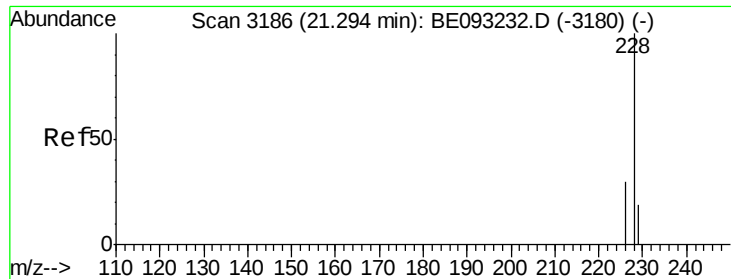
Delta R.T. -0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Tgt Ion:	228	Resp:	10667
Ion Ratio	Lower	Upper	
228	100		
229	23.1	22.8	34.2
226	30.8	17.0	25.6#





#19

Chrysene

Concen: 0.307 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Instrument :

BNA_E

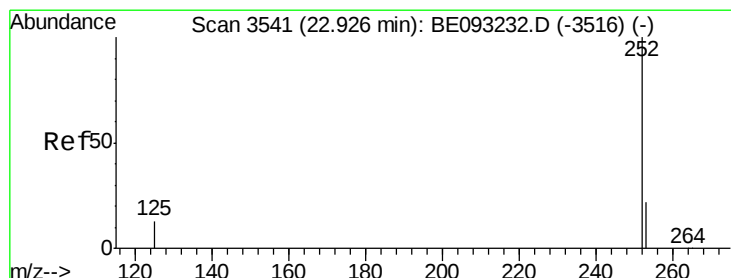
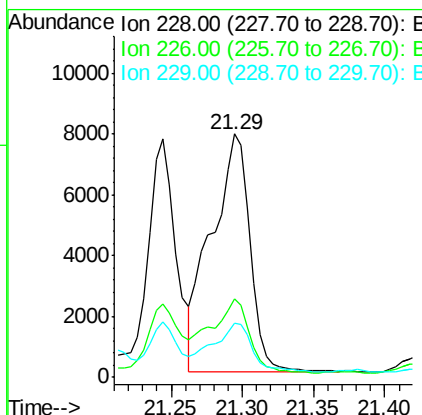
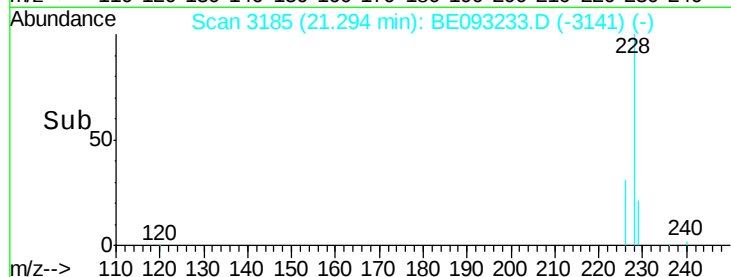
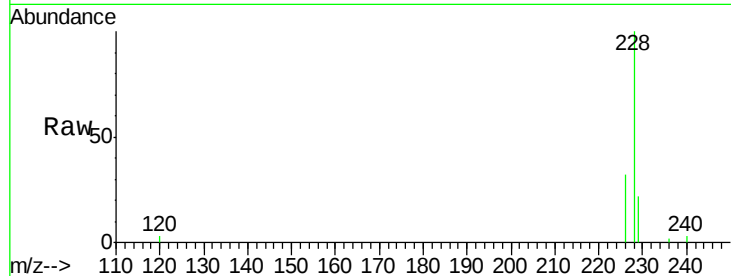
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Tgt Ion:	228	Resp:	14638
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.4	35.0
229	22.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.770 ng/ul m

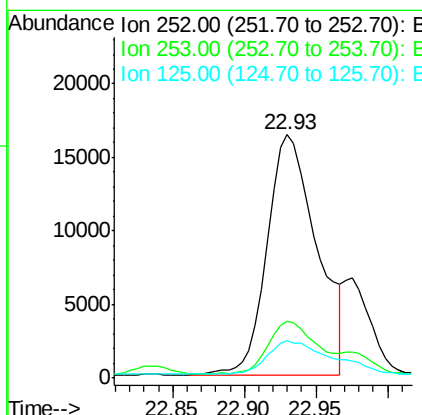
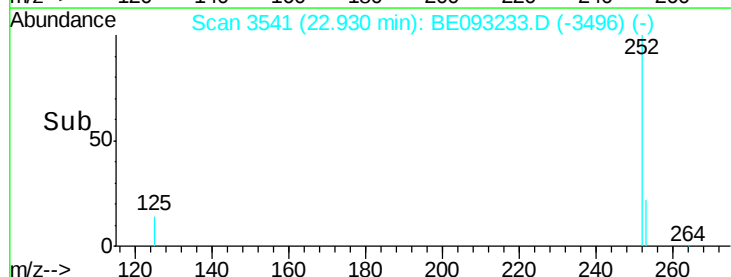
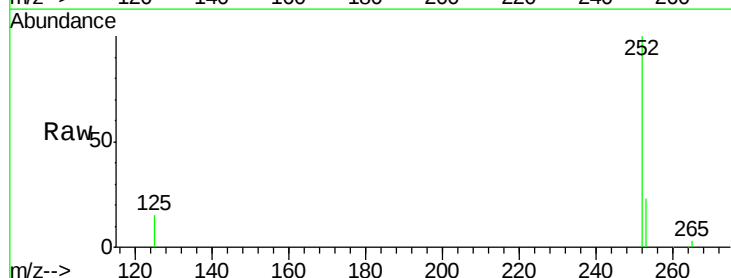
RT: 22.93 min Scan# 3541

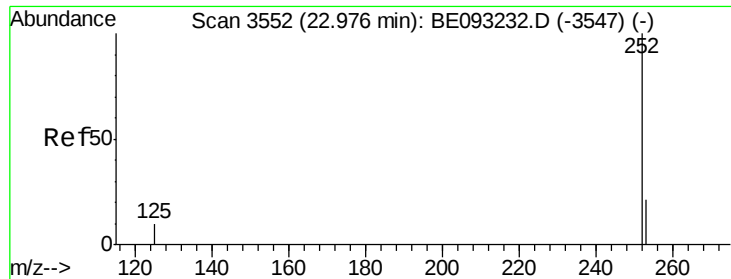
Delta R.T. 0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Tgt Ion:	252	Resp:	39698
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	15.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.158 ng/ul m

RT: 22.98 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

Instrument :

BNA_E

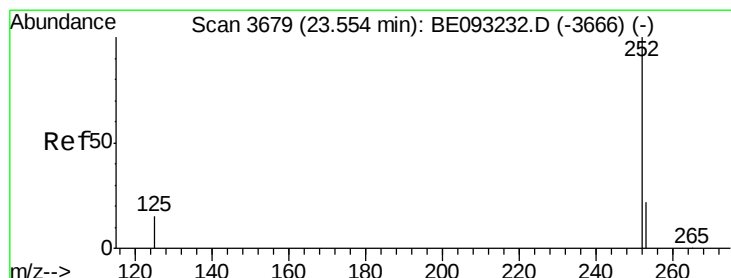
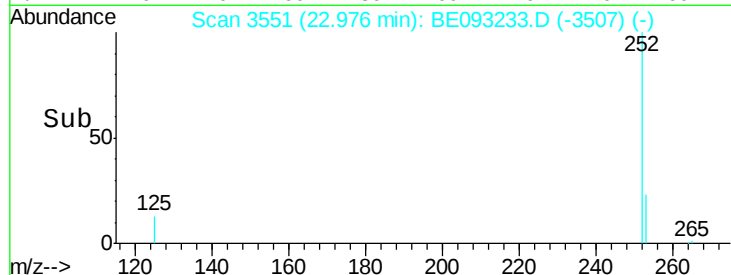
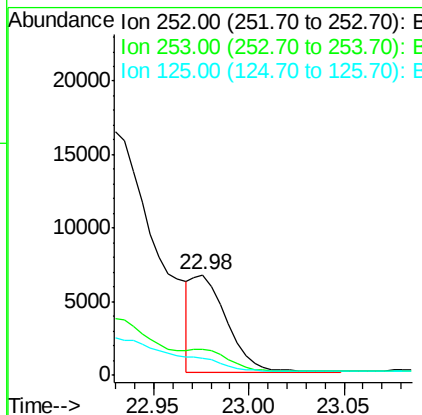
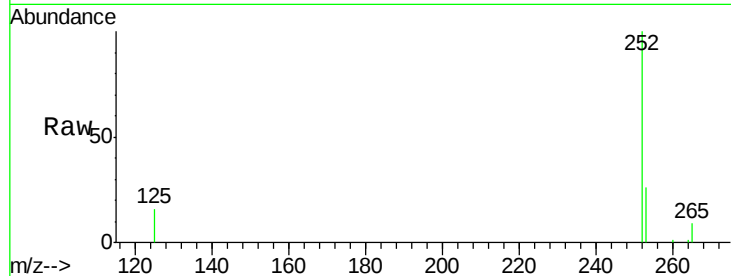
ClientSampleId :

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Tgt Ion:	252	Resp:	8632
Ion Ratio	Lower	Upper	
252	100		
253	26.0	24.5	36.7
125	16.5	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.372 ng/ul

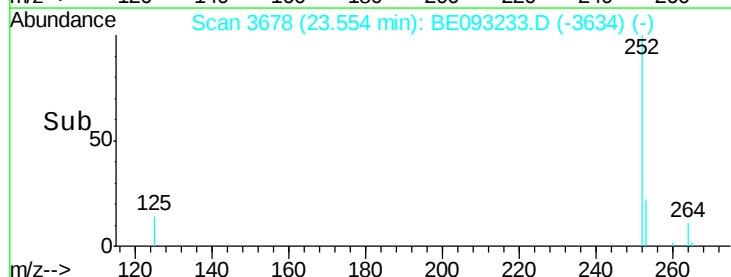
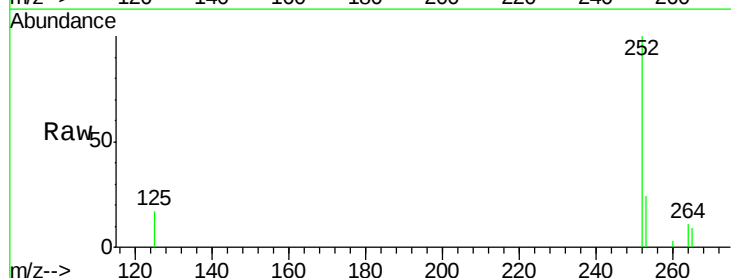
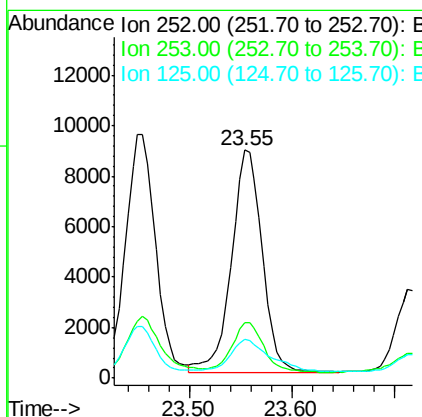
RT: 23.55 min Scan# 3678

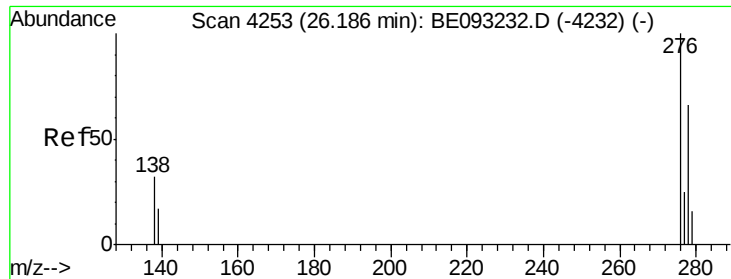
Delta R.T. -0.00 min

Lab File: BE093233.D

Acq: 16 Jun 2017 8:33

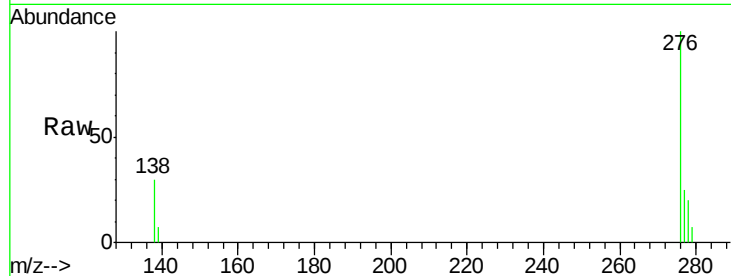
Tgt Ion:	252	Resp:	18137
Ion Ratio	Lower	Upper	
252	100		
253	24.5	28.5	42.7#
125	16.8	18.1	27.1#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.346 ng/u1
 RT: 26.18 min Scan# 4251
 Delta R.T. 0.00 min
 Lab File: BE093233.D
 Acq: 16 Jun 2017 8:33

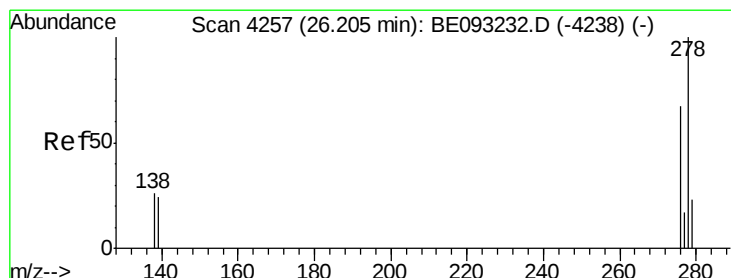
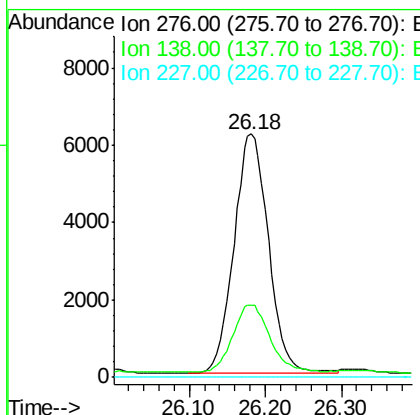
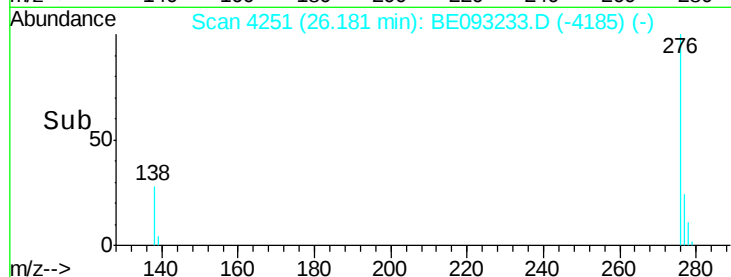
Instrument :
 BNA_E
 ClientSampleId :
 F5C61DL



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.3	28.0	42.0
227	0.0	8.0	12.0

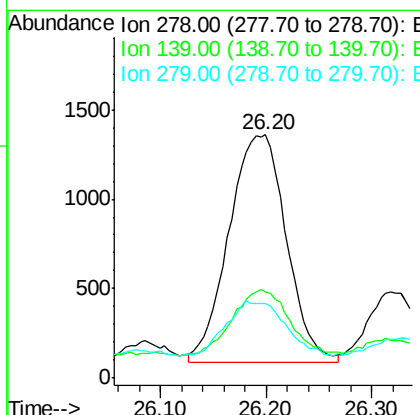
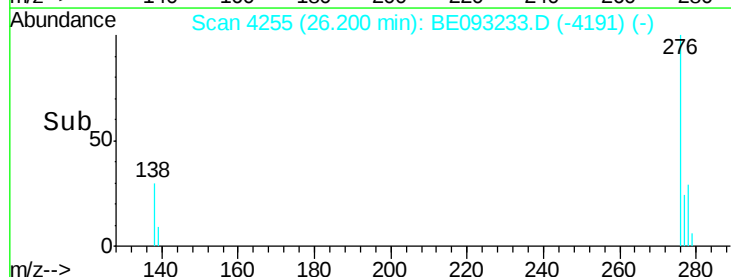
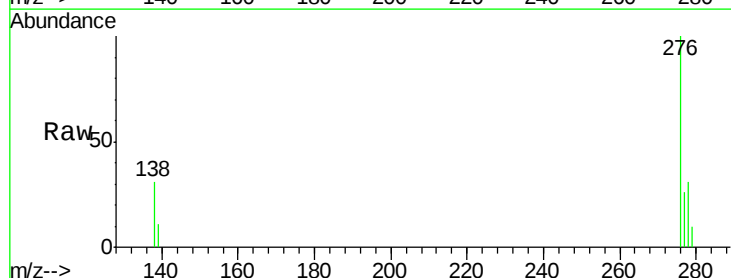
Manual Integrations
 APPROVED

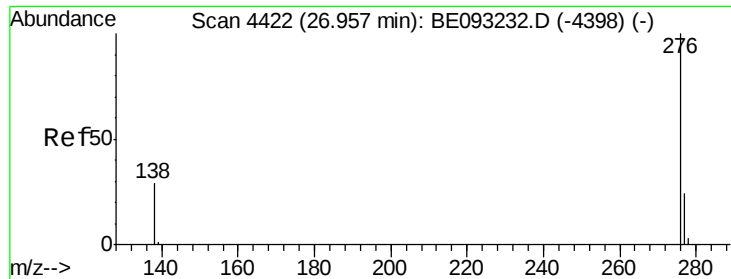
mohammad
 6/19/2017 11:07:32 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng/u1
 RT: 26.20 min Scan# 4255
 Delta R.T. -0.01 min
 Lab File: BE093233.D
 Acq: 16 Jun 2017 8:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	35.6	17.4	26.0
279	30.8	25.9	38.9





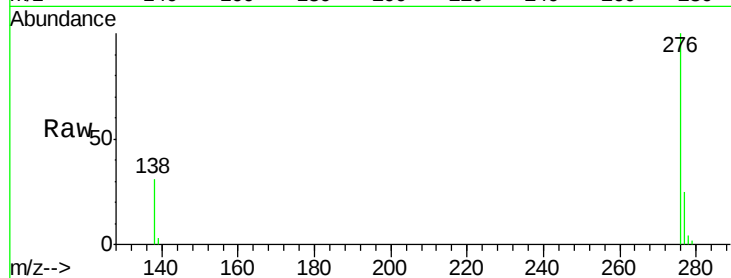
#26
 Benzo(g,h,i)perylene
 Concen: 0.362 ng/ul
 RT: 26.96 min Scan# 4421
 Delta R.T. -0.00 min
 Lab File: BE093233.D
 Acq: 16 Jun 2017 8:33

Instrument :
 BNA_E
 ClientSampleId :
 F5C61DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.9	21.8	32.8
277	24.8	20.5	30.7

Manual Integrations
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mohammad
 6/19/2017 11:07:32 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

