

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
 Data File : BE093140.D
 Acq On : 13 Jun 2017 20:53
 Operator : SJ/MA
 Sample : I3522-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D36

Manual Integrations
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 6/14/2017 2:59:16 PM

Quant Time: Jun 14 08:07:15 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 14 01:25:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4543	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	22060	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	13234	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	32481	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	35520	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	38920	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5678	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	16181	0.18	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	9649	0.176	ng/ul#	93
5) 2-Methylnaphthalene	12.19	142	1412	0.038	ng/ul	100
7) Acenaphthylene	14.08	152	9885	0.174	ng/ul	98
8) Acenaphthene	14.43	153	1605	0.035	ng/ul	97
9) Fluorene	15.42	166	2311	0.043	ng/ul	94
12) Phenanthrene	17.14	178	17860	0.200	ng/ul#	86
13) Anthracene	17.22	178	16437	0.211	ng/ul#	88
15) Fluoranthene	19.15	202	151751	1.385	ng/ul	84
17) Pyrene	19.51	202	164194	1.567	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	116722	1.232	ng/ul#	85
19) Chrysene	21.29	228	159583	1.624	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	246395m	2.086	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	88250m	0.704	ng/ul	
23) Benzo(a)pyrene	23.55	252	123764	1.108	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.17	276	73120	0.565	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	19673	0.181	ng/ul#	90
26) Benzo(g,h,i)perylene	26.95	276	63228	0.570	ng/ul	97

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

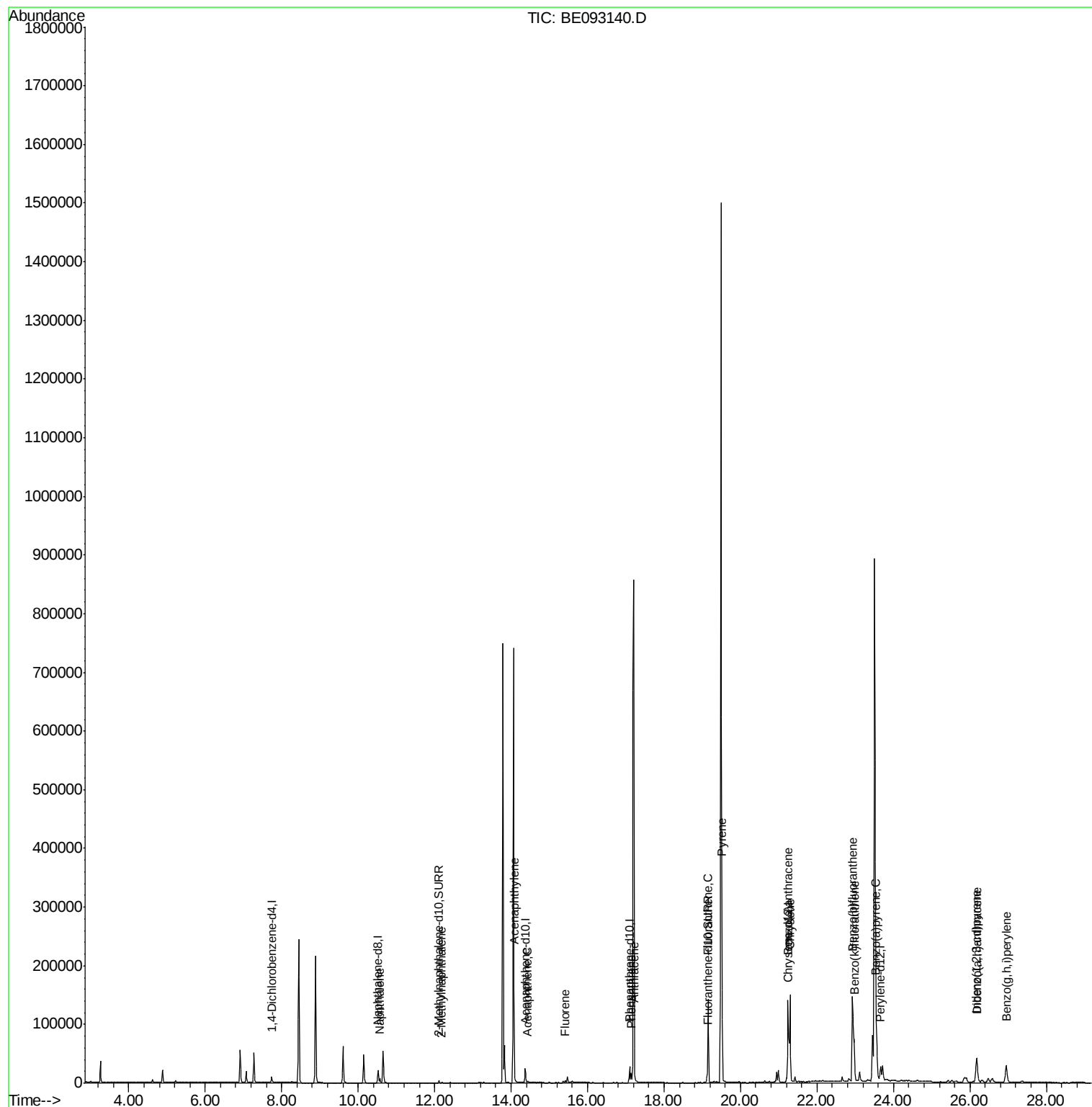
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
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ALS Vial : 14 Sample Multiplier: 1

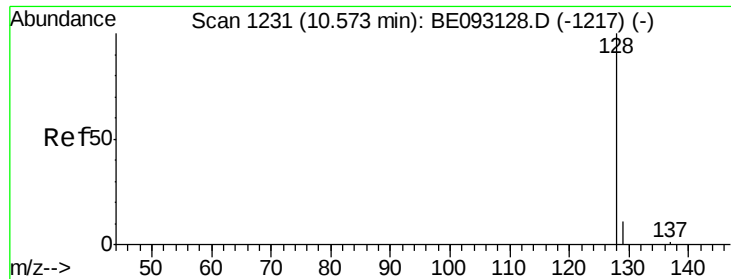
Instrument :
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F5D36

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Wed Jun 14 01:25:15 2017
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#3

Naphthalene

Concen: 0.176 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Instrument :

BNA_E

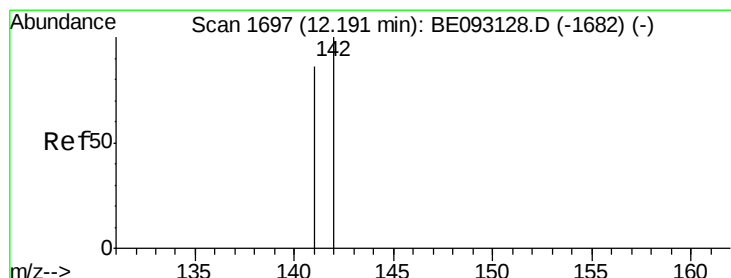
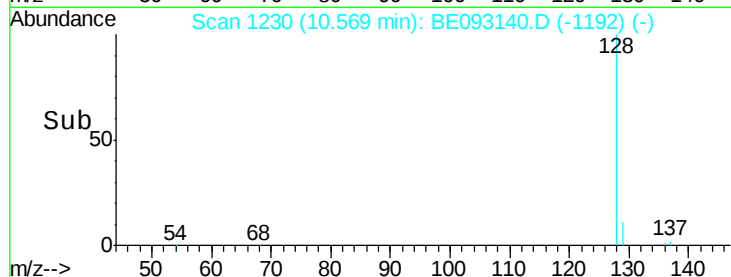
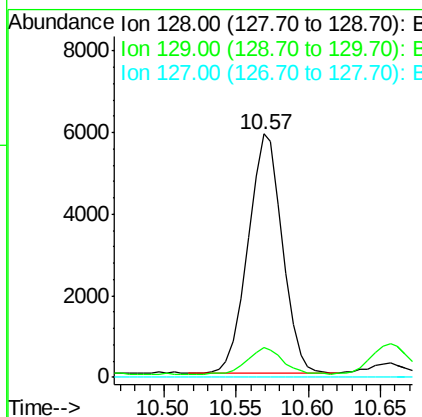
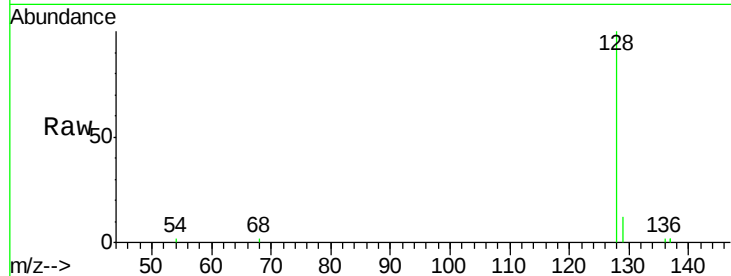
ClientSampleId :

F5D36

Tgt Ion:	128	Resp:	9649
Ion Ratio	Lower	Upper	
128	100		
129	12.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.038 ng/ul

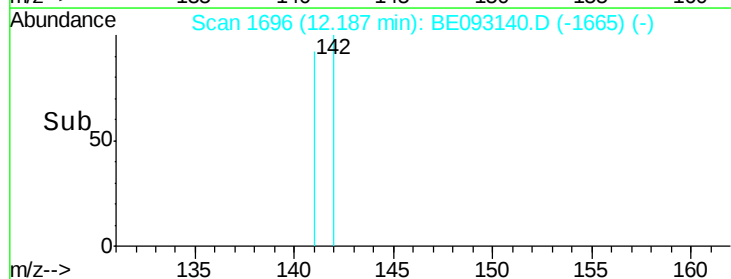
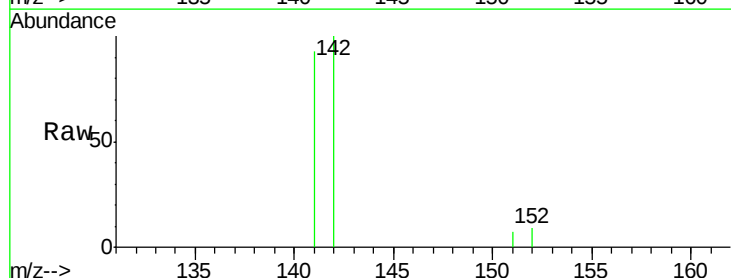
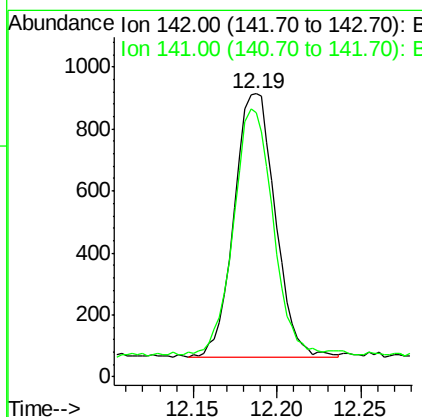
RT: 12.19 min Scan# 1696

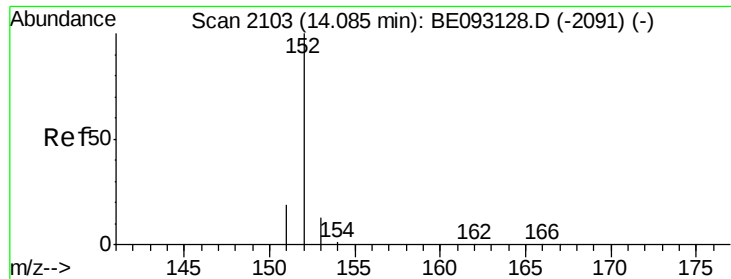
Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Tgt Ion:	142	Resp:	1412
Ion Ratio	Lower	Upper	
142	100		
141	90.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.174 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Instrument :

BNA_E

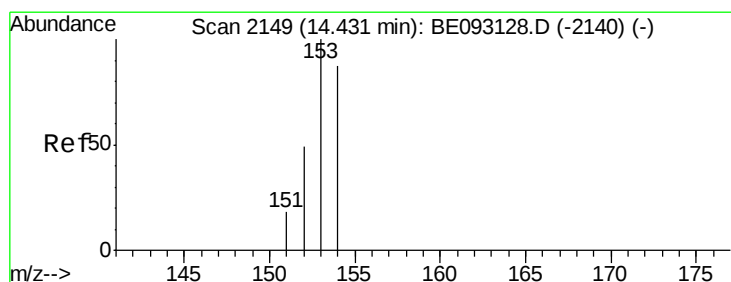
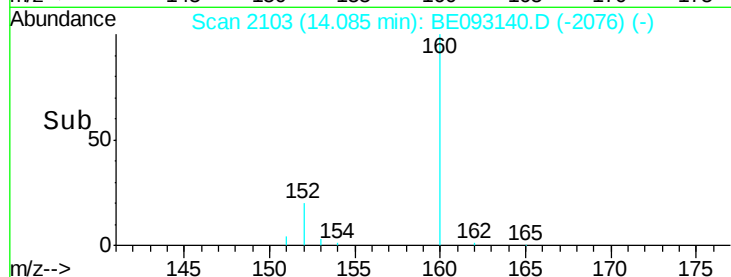
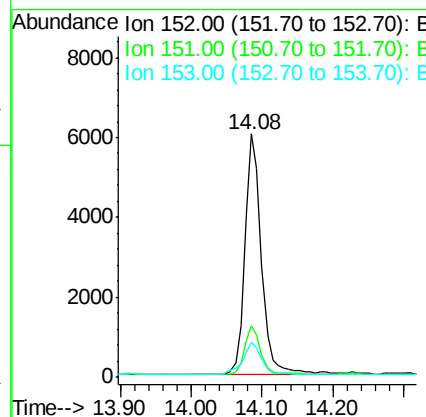
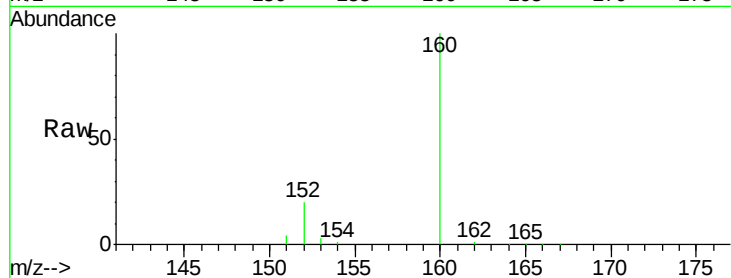
ClientSampleId :

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Tgt Ion:	152	Resp:	9885
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.1	25.7
153	14.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.035 ng/ul

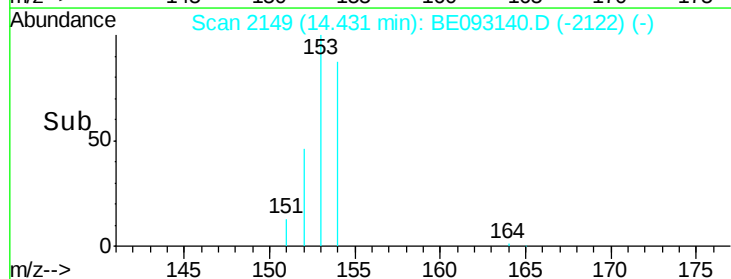
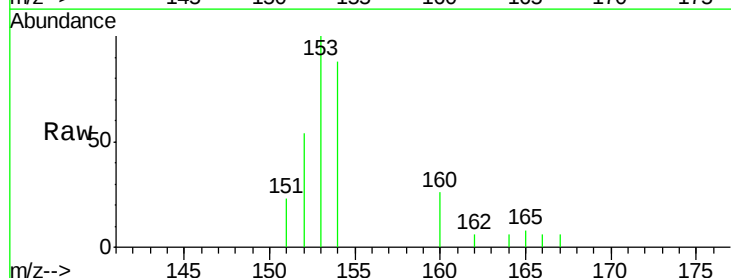
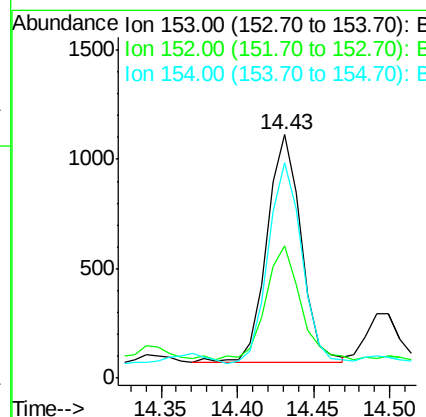
RT: 14.43 min Scan# 2149

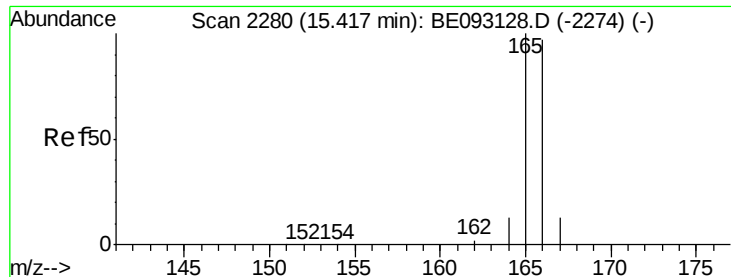
Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Tgt Ion:	153	Resp:	1605
Ion Ratio	Lower	Upper	
153	100		
152	54.4	40.3	60.5
154	88.5	71.4	107.2





#9

Fluorene

Concen: 0.043 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Instrument :

BNA_E

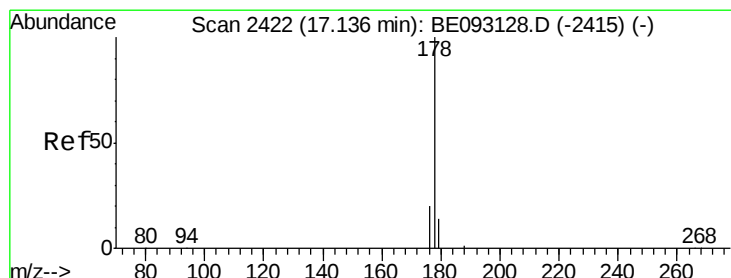
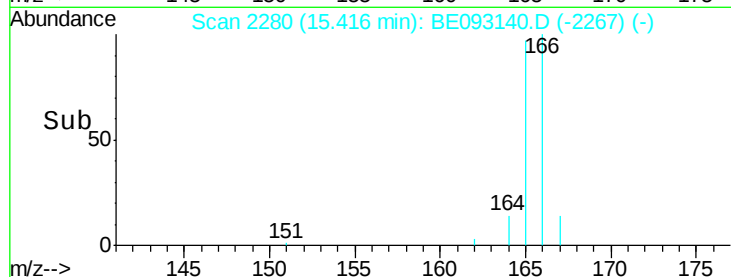
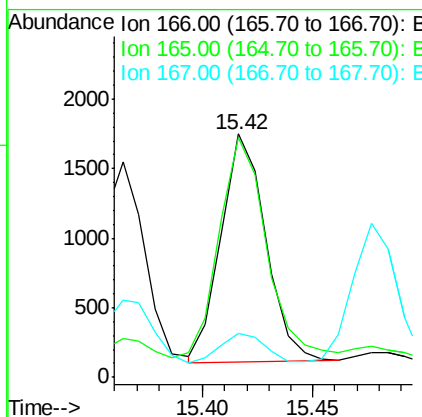
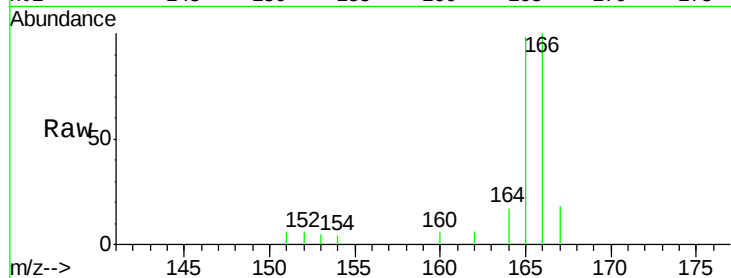
ClientSampleId :

F5D36

Tgt Ion:	166	Resp:	2311
Ion Ratio	Lower	Upper	
166	100		
165	98.3	73.4	110.2
167	18.0	14.6	22.0

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#12

Phenanthrene

Concen: 0.200 ng/ul

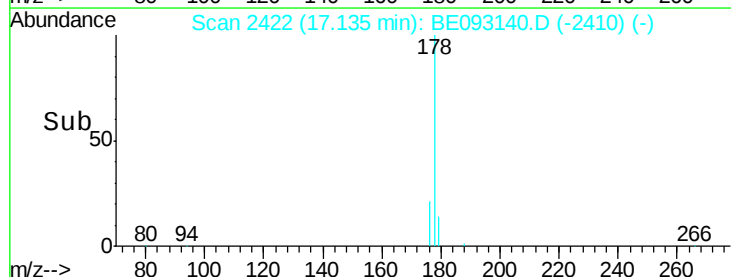
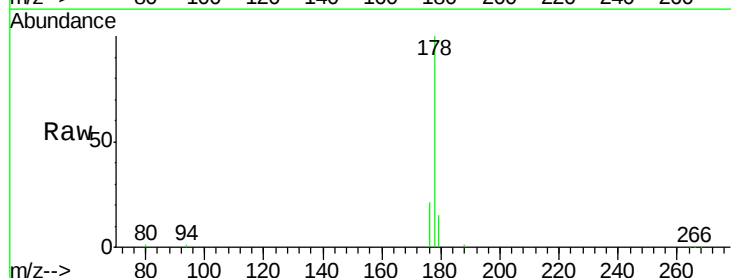
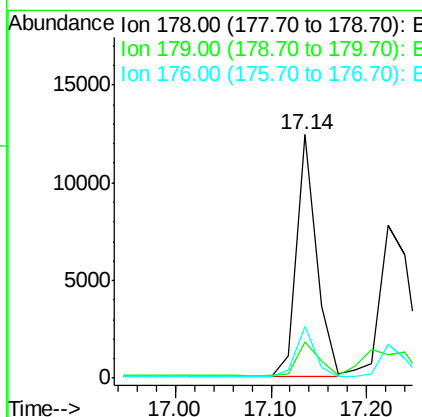
RT: 17.14 min Scan# 2422

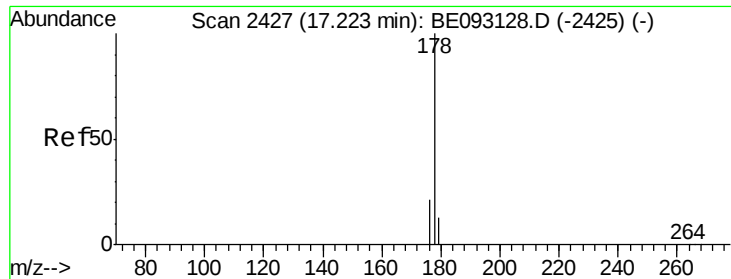
Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Tgt Ion:	178	Resp:	17860
Ion Ratio	Lower	Upper	
178	100		
179	14.9	18.4	27.6#
176	21.2	13.6	20.4#





#13

Anthracene

Concen: 0.211 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Instrument :

BNA_E

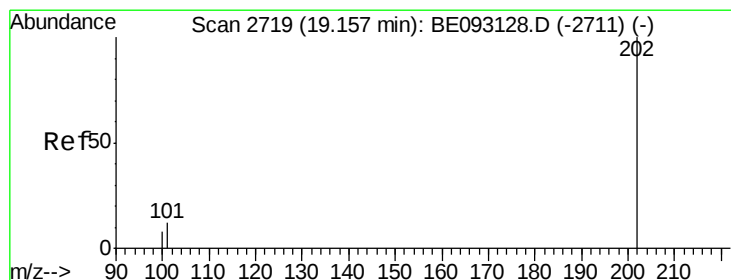
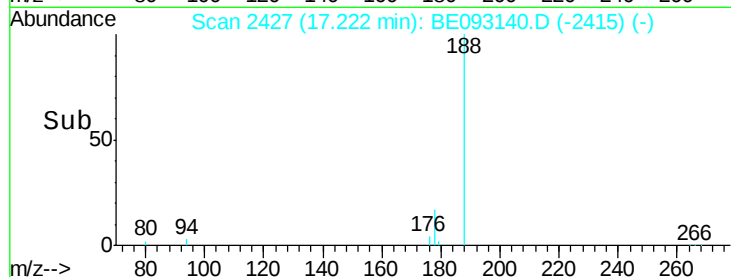
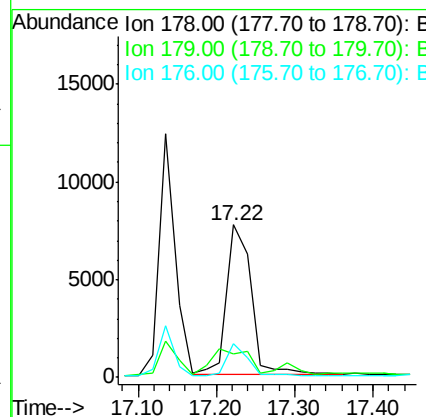
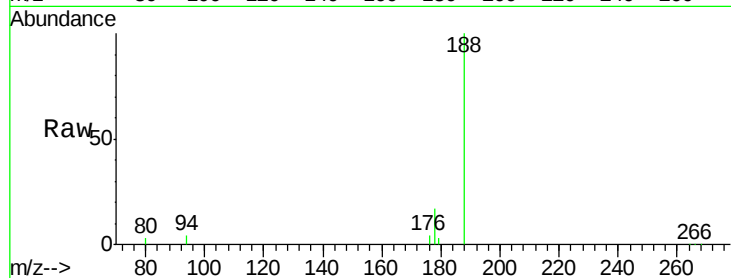
ClientSampleId :

F5D36

Tgt Ion:	178	Resp:	16437
Ion Ratio	Lower	Upper	
178	100		
179	15.8	18.1	27.1#
176	22.3	14.7	22.1#

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#15

Fluoranthene

Concen: 1.385 ng/ul

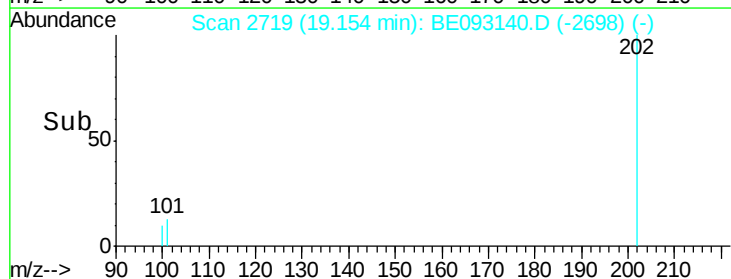
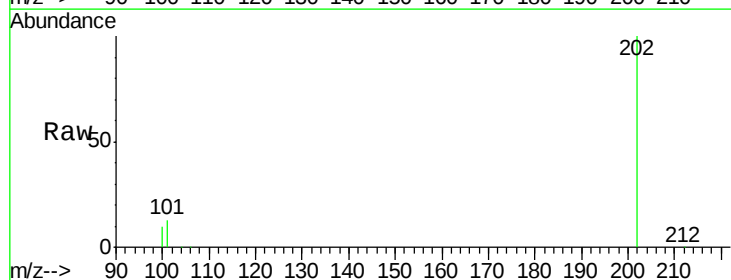
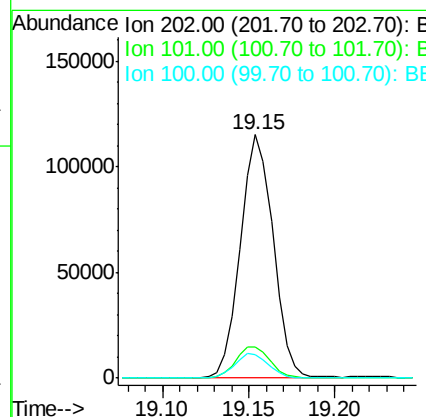
RT: 19.15 min Scan# 2719

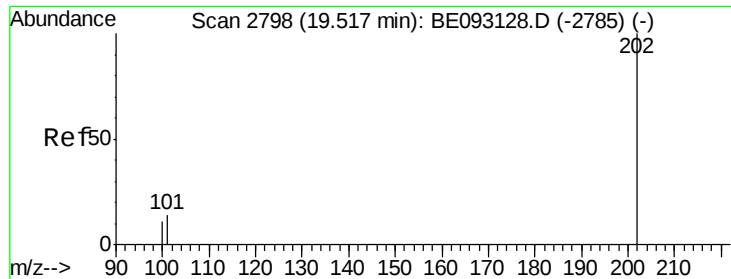
Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Tgt Ion:	202	Resp:	151751
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	30.3
100	9.9	0.0	39.5





#17

Pyrene

Concen: 1.567 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Instrument :

BNA_E

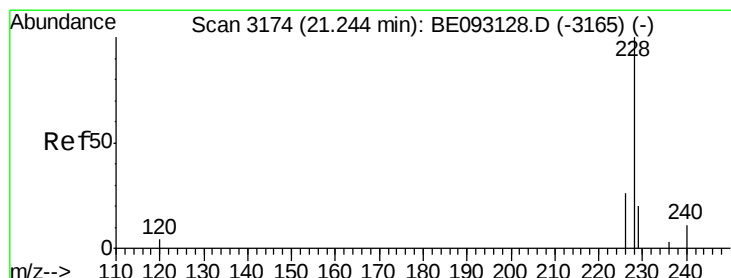
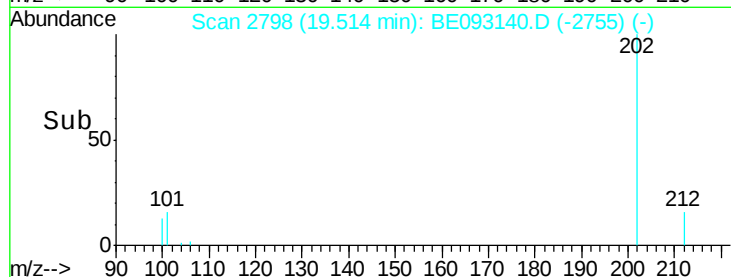
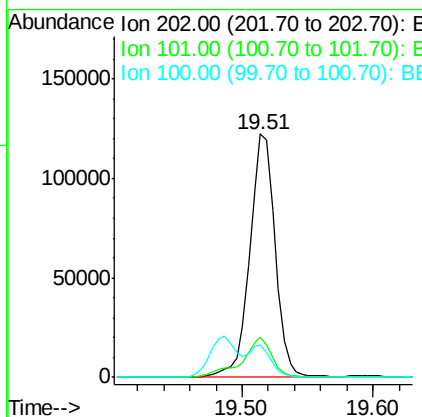
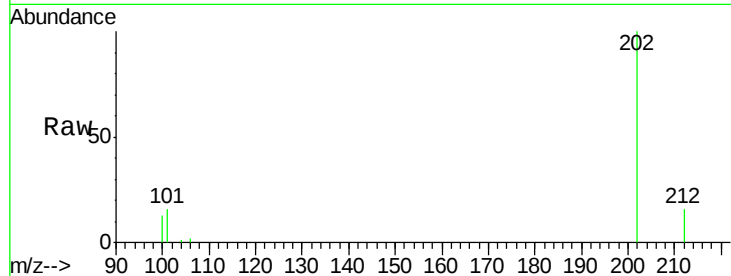
ClientSampleId :

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Tgt Ion:	202	Resp:	164194
Ion Ratio		Lower	Upper
202	100		
101	16.2	18.2	27.4#
100	13.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.232 ng/ul

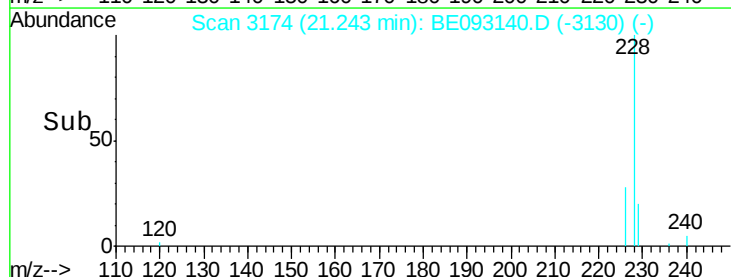
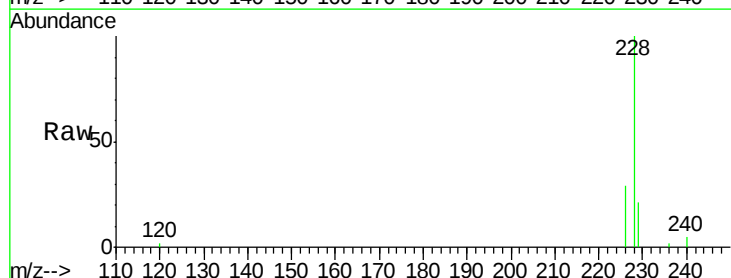
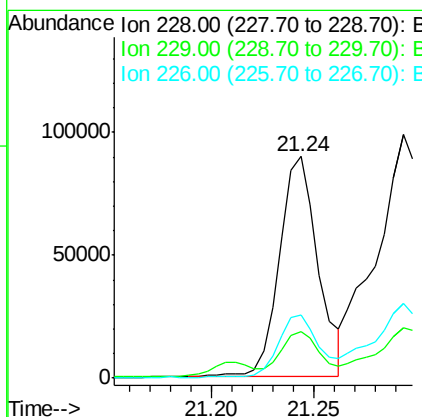
RT: 21.24 min Scan# 3174

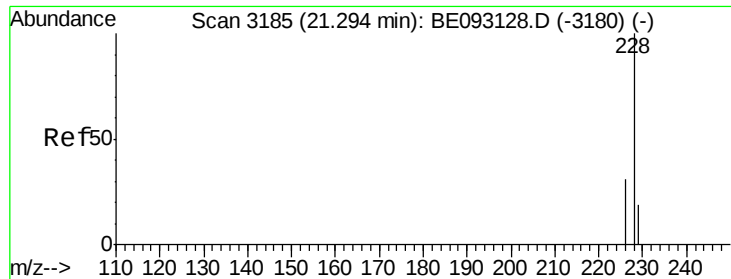
Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Tgt Ion:	228	Resp:	116722
Ion Ratio		Lower	Upper
228	100		
229	21.0	22.8	34.2#
226	28.6	17.0	25.6#





#19

Chrysene

Concen: 1.624 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Instrument :

BNA_E

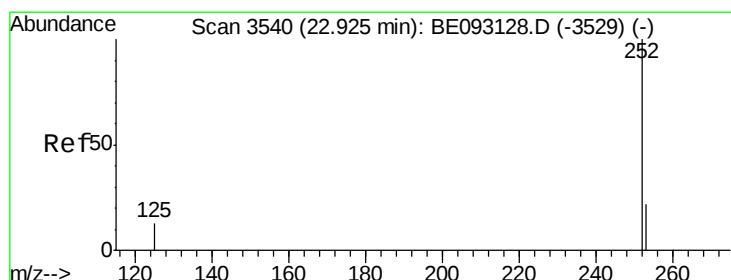
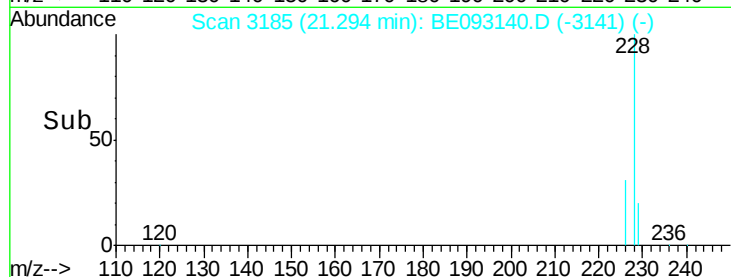
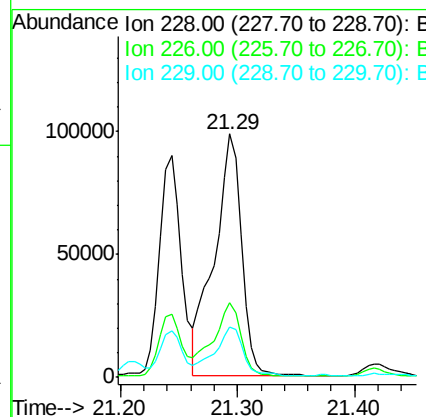
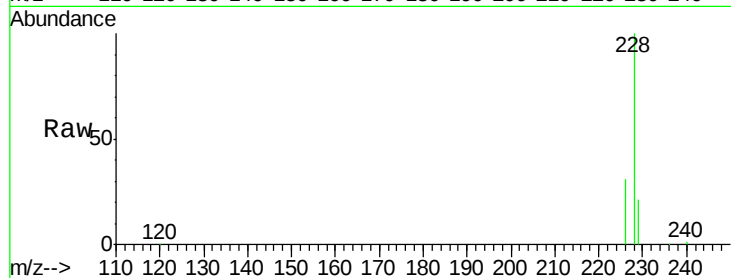
ClientSampleId :

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Tgt Ion:	228	Resp:	159583
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	20.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.086 ng/ul m

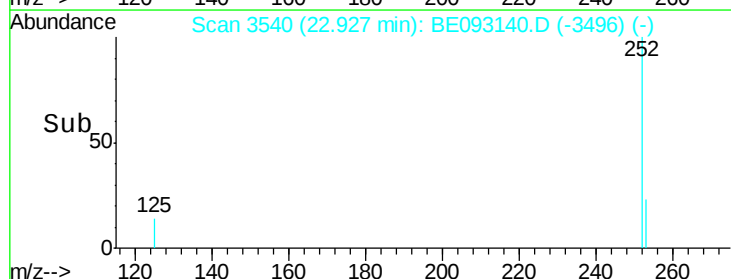
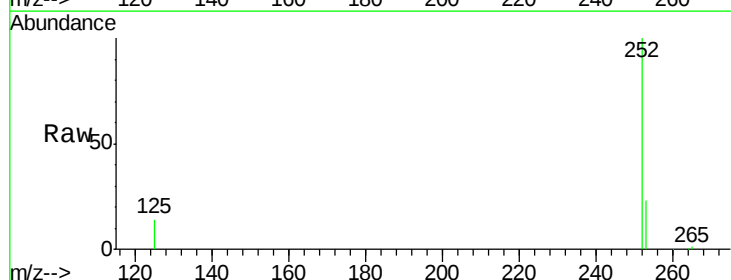
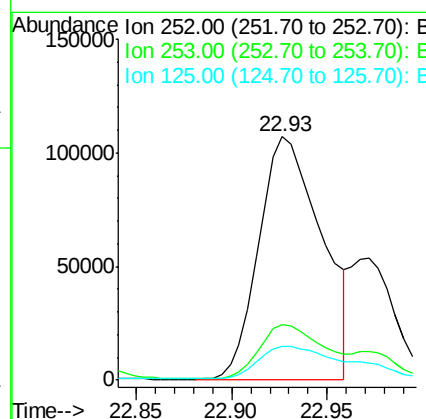
RT: 22.93 min Scan# 3540

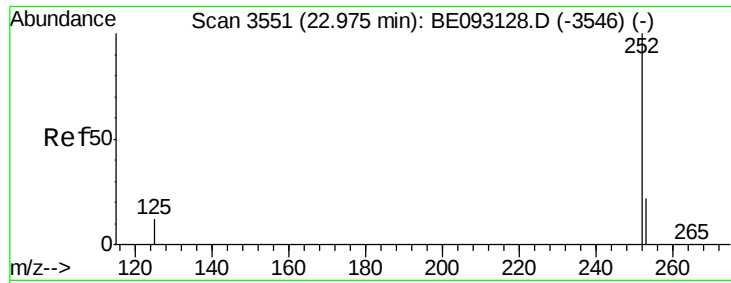
Delta R.T. 0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Tgt Ion:	252	Resp:	246395
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	14.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.704 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Instrument :

BNA_E

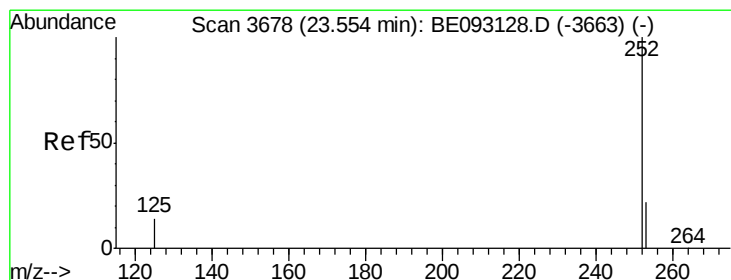
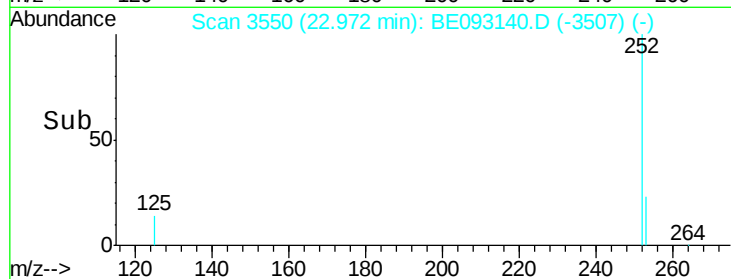
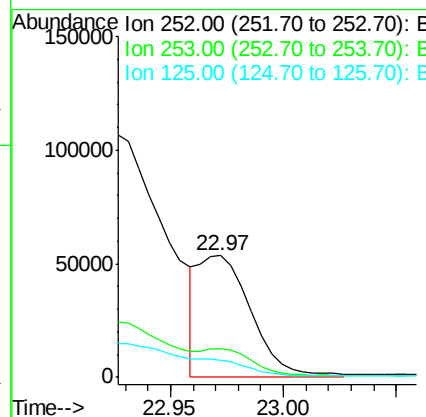
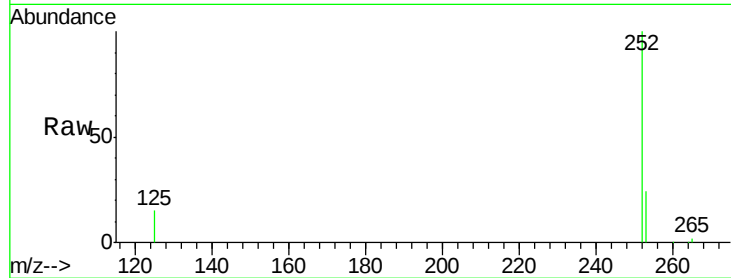
ClientSampleId :

F5D36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	88250		
253	23.8	24.5	36.7#	
125	14.5	13.7	20.5	

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#23

Benzo(a)pyrene

Concen: 1.108 ng/ul

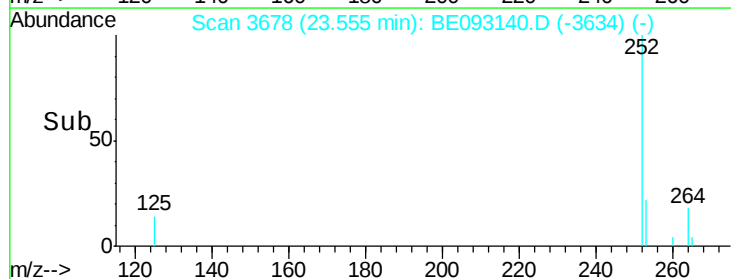
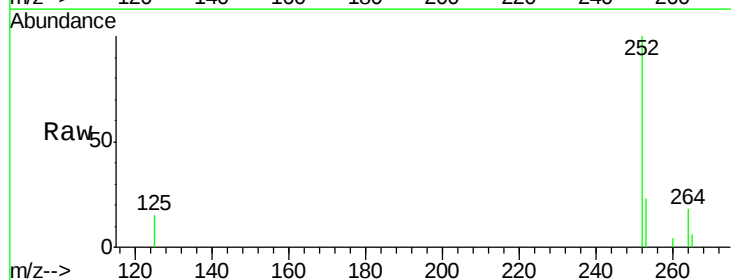
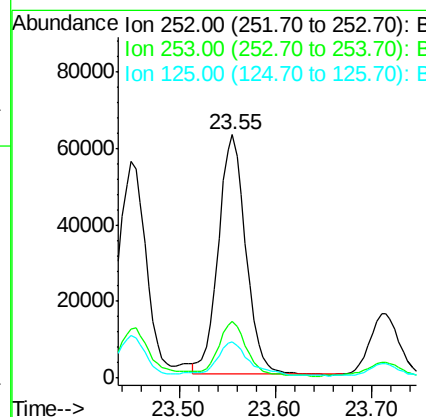
RT: 23.55 min Scan# 3678

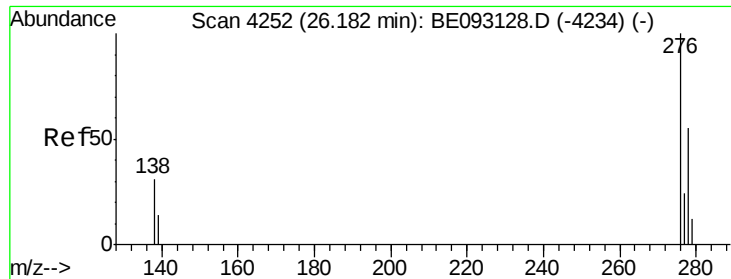
Delta R.T. 0.00 min

Lab File: BE093140.D

Acq: 13 Jun 2017 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	123764		
253	23.3	28.5	42.7#	
125	14.9	18.1	27.1#	





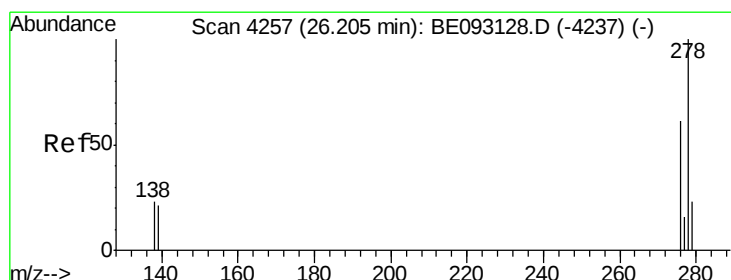
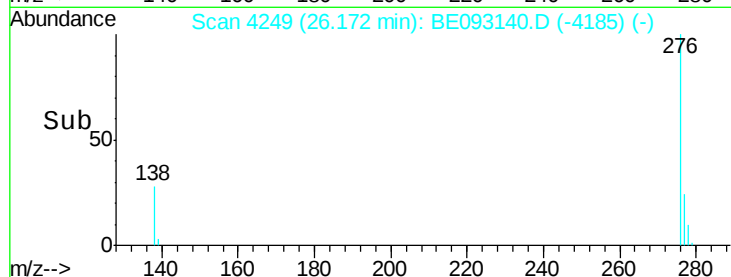
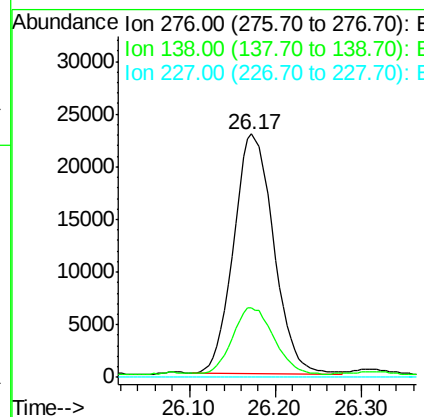
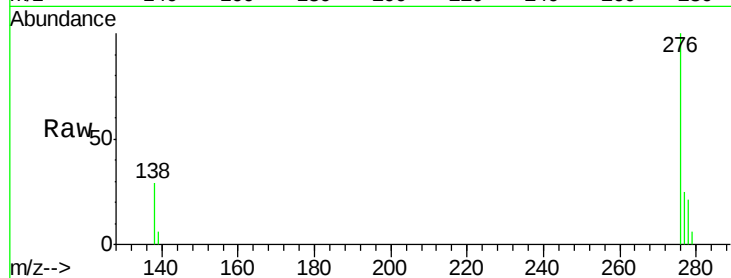
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.565 ng/u1
 RT: 26.17 min Scan# 4249
 Delta R.T. -0.01 min
 Lab File: BE093140.D
 Acq: 13 Jun 2017 20:53

Instrument :
 BNA_E
 ClientSampleId :
 F5D36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	28.0	42.0
227	0.0	8.0	12.0

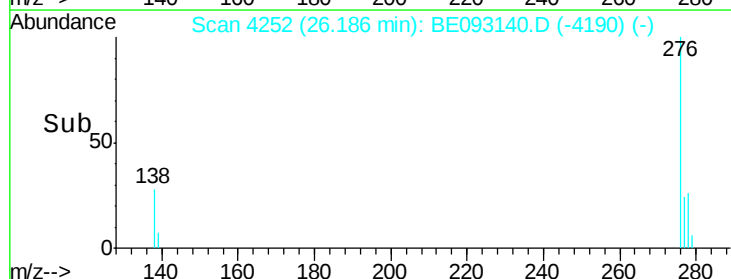
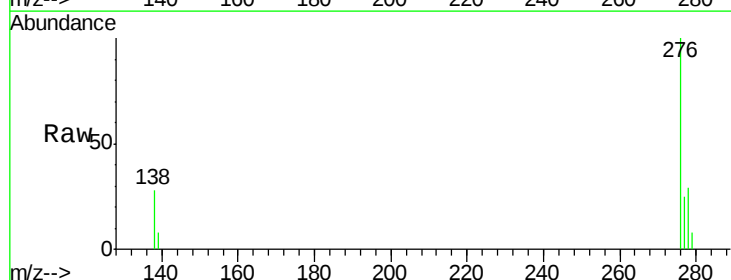
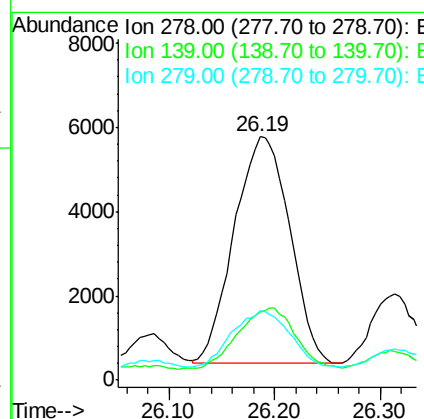
Manual Integrations
 APPROVED

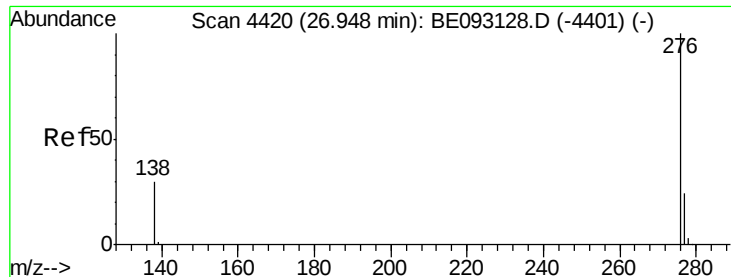
mohammad
 6/14/2017 2:59:16 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.181 ng/u1
 RT: 26.19 min Scan# 4252
 Delta R.T. -0.02 min
 Lab File: BE093140.D
 Acq: 13 Jun 2017 20:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.1	17.4	26.0
279	28.5	25.9	38.9





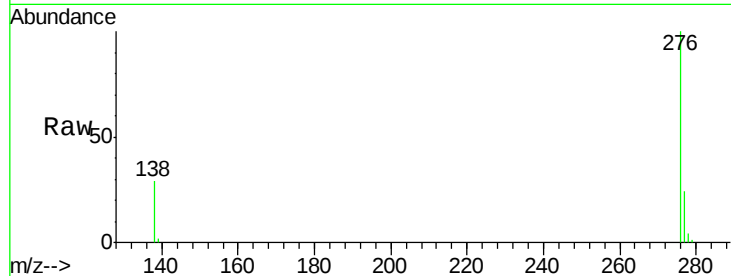
#26
 Benzo(g,h,i)perylene
 Concen: 0.570 ng/ul
 RT: 26.95 min Scan# 4420
 Delta R.T. 0.00 min
 Lab File: BE093140.D
 Acq: 13 Jun 2017 20:53

Instrument :
 BNA_E
 ClientSampleId :
 F5D36

Tgt Ion:	276	Resp:	63228
Ion Ratio	Lower	Upper	
276	100		
138	28.8	21.8	32.8
277	24.3	20.5	30.7

Manual Integrations
 APPROVED

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 6/14/2017 2:59:16 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

