

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093349.D
 Acq On : 23 Jun 2017 22:39
 Operator : SJ/JU
 Sample : I3627-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A69

Manual Integrations
 APPROVED

mohammad
 6/29/2017 8:33:31 AM

Quant Time: Jun 24 05:03:53 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	7.73	152	1655	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8795	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5586	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13192	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13887	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10773m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3108	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	8977	0.25	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	2334	0.107	ng/ul#	96
5) 2-Methylnaphthalene	12.18	142	691	0.046	ng/ul	100
7) Acenaphthylene	14.08	152	38742	1.616	ng/ul	96
8) Acenaphthene	14.42	153	909	0.047	ng/ul#	89
9) Fluorene	15.41	166	1849	0.082	ng/ul	88
12) Phenanthrene	17.13	178	31579	0.870	ng/ul#	91
13) Anthracene	17.22	178	44107	1.396	ng/ul#	90
15) Fluoranthene	19.15	202	334074	7.505	ng/ul	83
17) Pyrene	19.51	202	419878	10.253	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	254943	6.882	ng/ul#	84
19) Chrysene	21.30	228	286395	7.453	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	470497	14.391	ng/ul	87
22) Benzo(k)fluoranthene	22.97	252	166464m	4.794	ng/ul	
23) Benzo(a)pyrene	23.56	252	244450m	7.908	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	164434m	4.594	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	43298m	1.436	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	113437	3.696	ng/ul	97

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

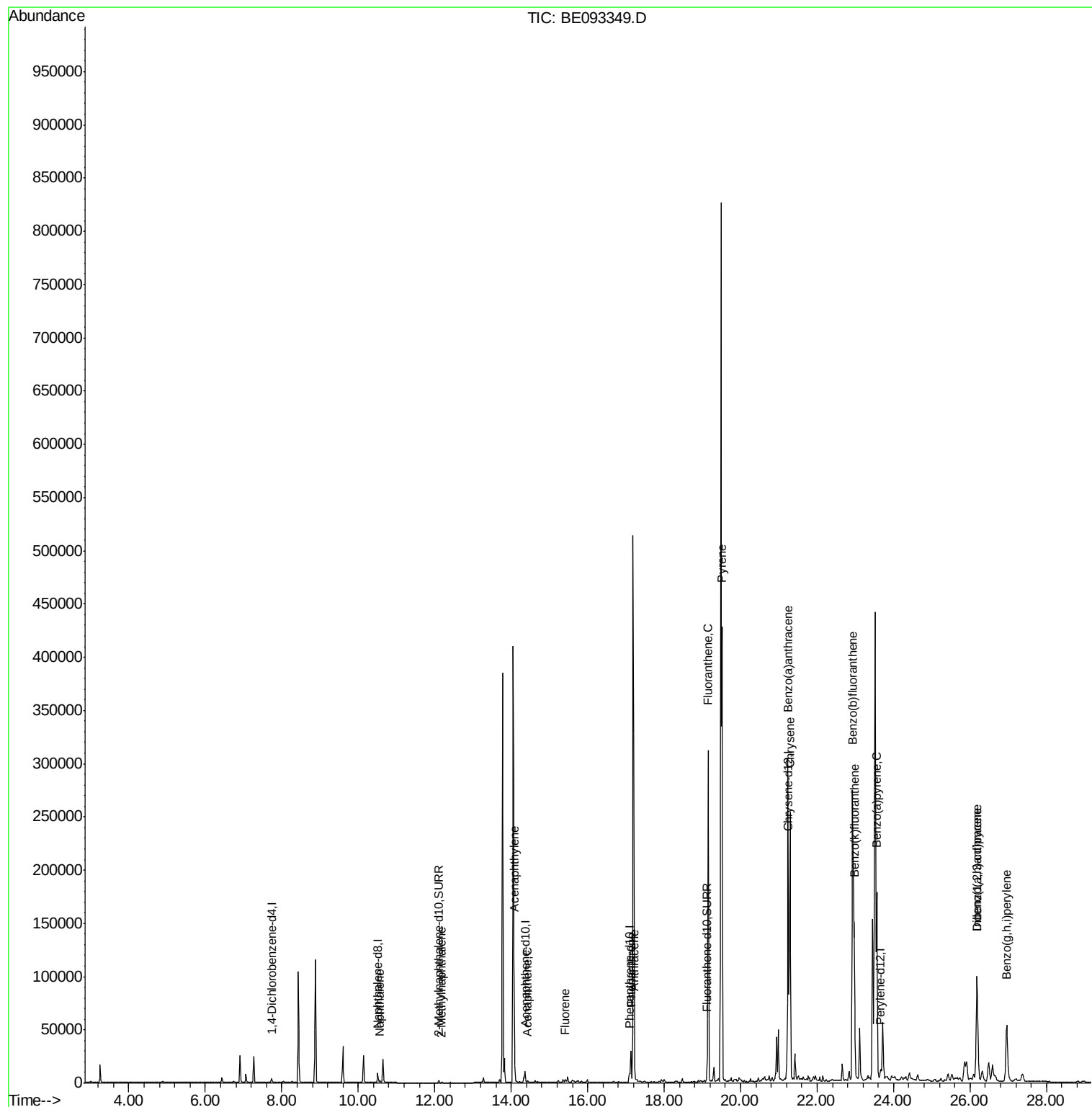
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093349.D
Acq On : 23 Jun 2017 22:39
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Sample : I3627-09
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ALS Vial : 16 Sample Multiplier: 1

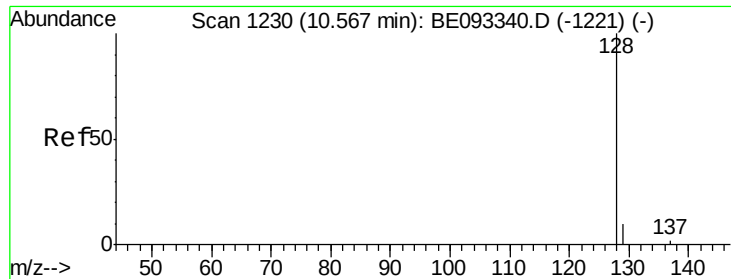
Instrument :
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F5A69

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QLast Update : Sat Jun 24 04:29:07 2017
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#3

Naphthalene

Concen: 0.107 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Instrument :

BNA_E

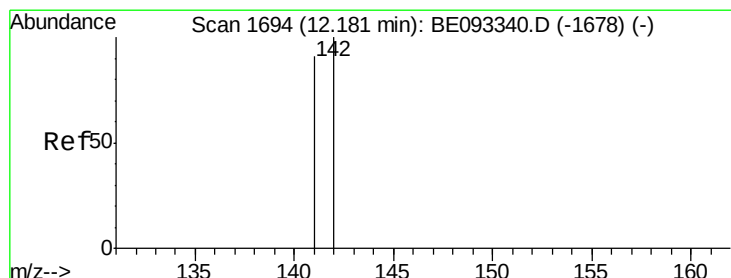
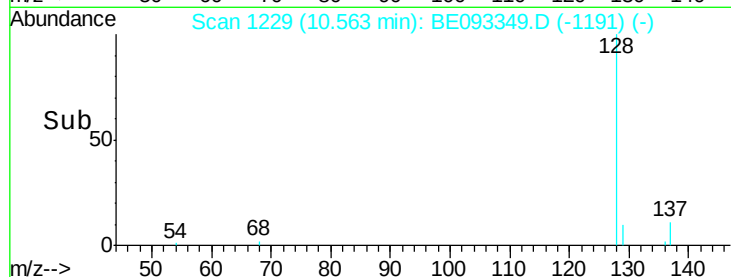
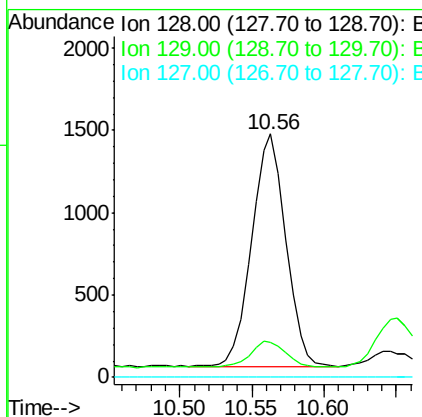
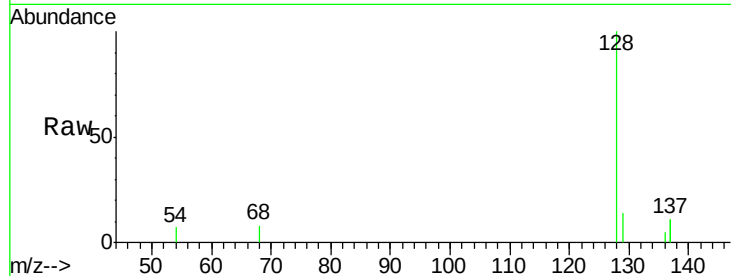
ClientSampleId :

F5A69

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.3	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.046 ng/ul

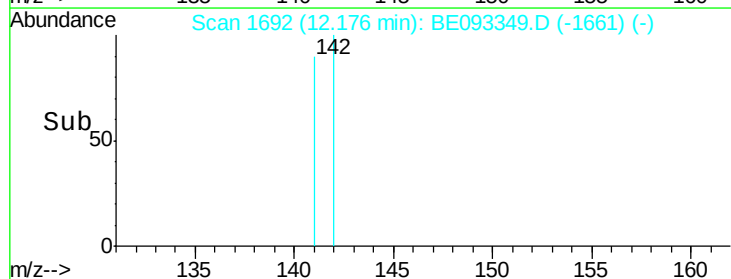
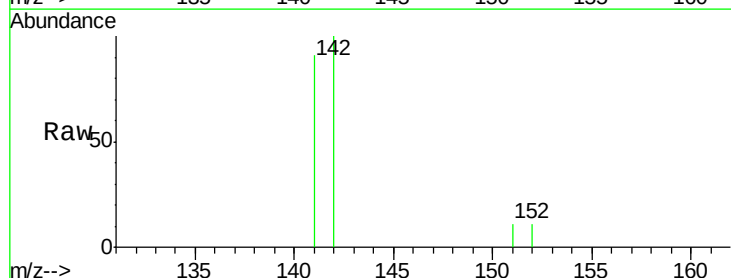
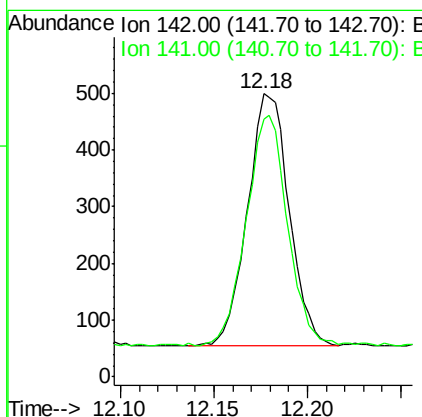
RT: 12.18 min Scan# 1692

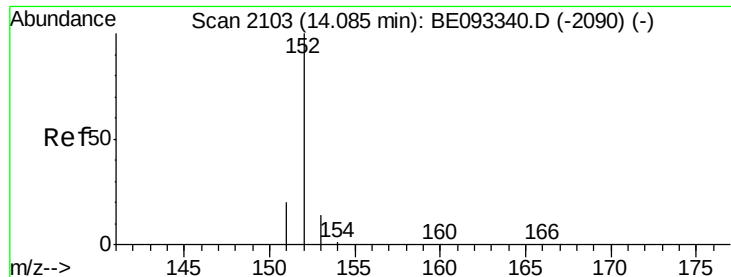
Delta R.T. -0.00 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	108.8





#7

Acenaphthylene

Concen: 1.616 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Instrument :

BNA_E

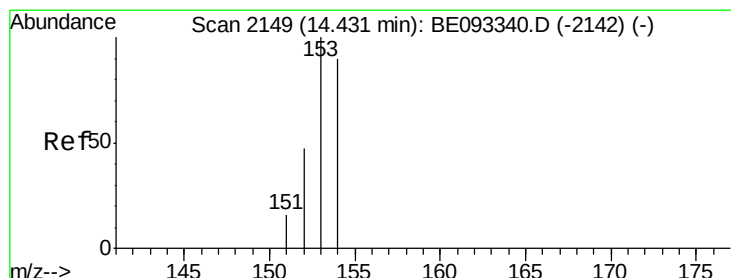
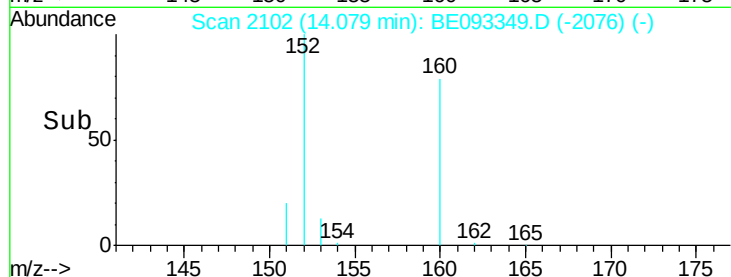
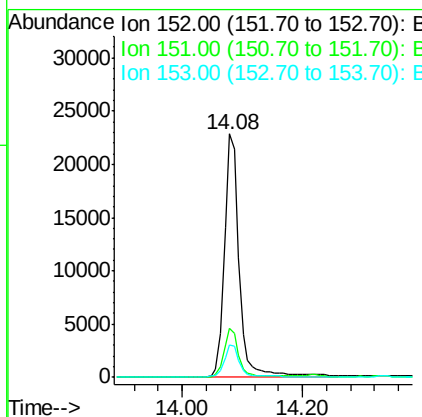
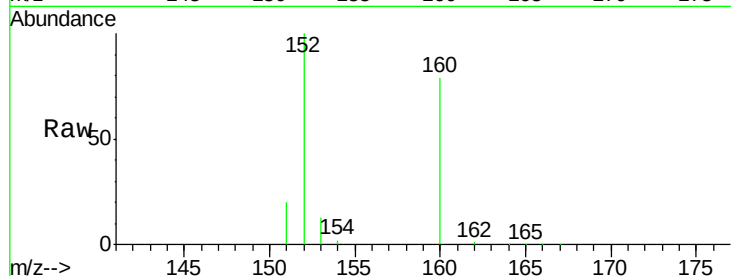
ClientSampleId :

F5A69

Tgt Ion:	152	Resp:	38742
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	13.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.047 ng/ul

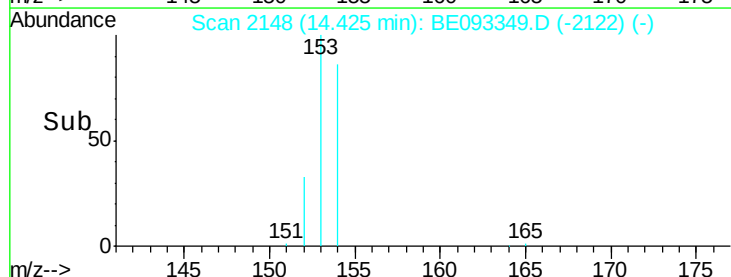
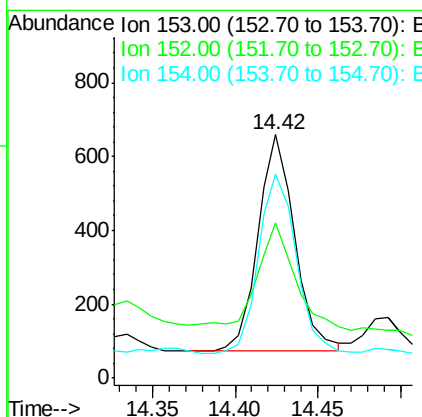
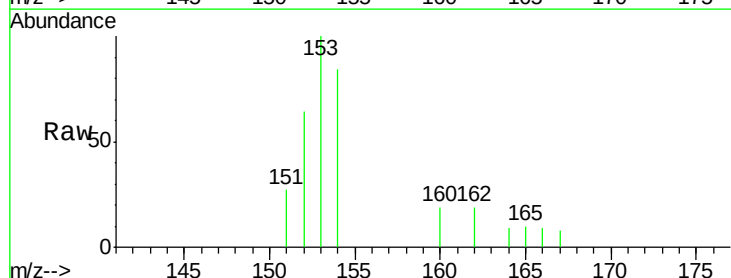
RT: 14.42 min Scan# 2148

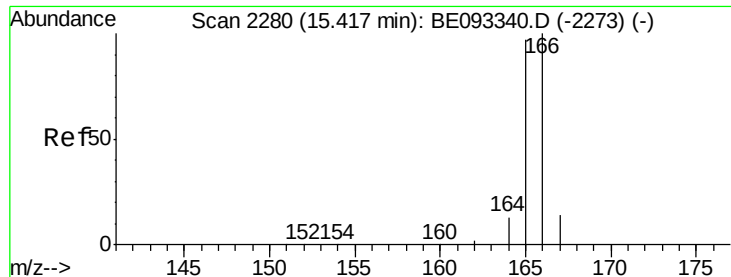
Delta R.T. -0.01 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Tgt Ion:	153	Resp:	909
Ion Ratio	Lower	Upper	
153	100		
152	63.9	40.3	60.5#
154	83.9	71.4	107.2





#9

Fluorene

Concen: 0.082 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Instrument :

BNA_E

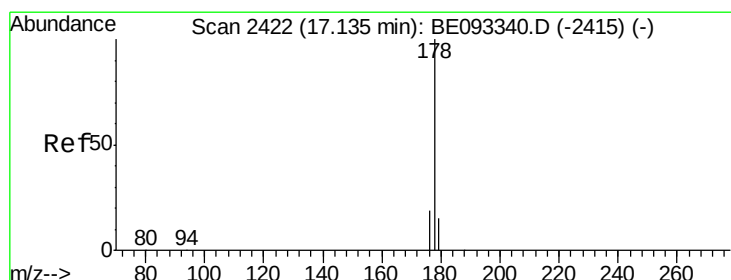
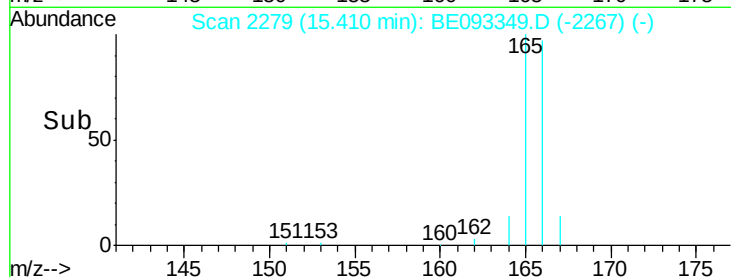
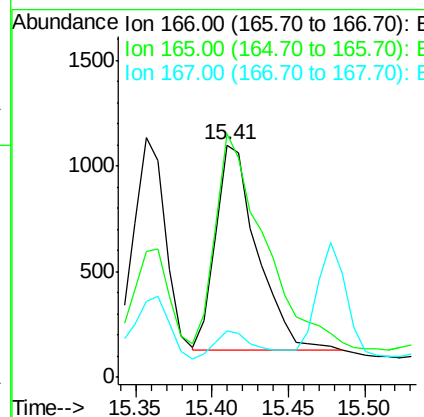
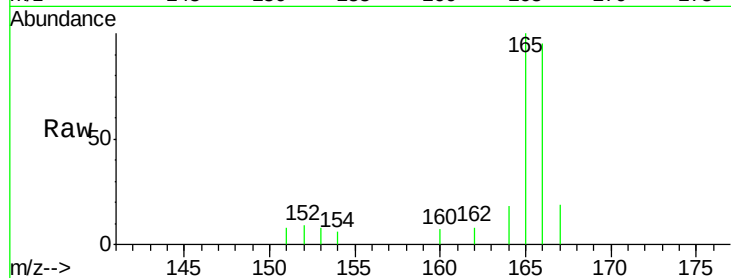
ClientSampleId :

F5A69

Tgt Ion:	166	Resp:	1849
Ion Ratio	Lower	Upper	
166	100		
165	104.7	73.4	110.2
167	19.7	14.6	22.0

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#12

Phenanthrene

Concen: 0.870 ng/ul

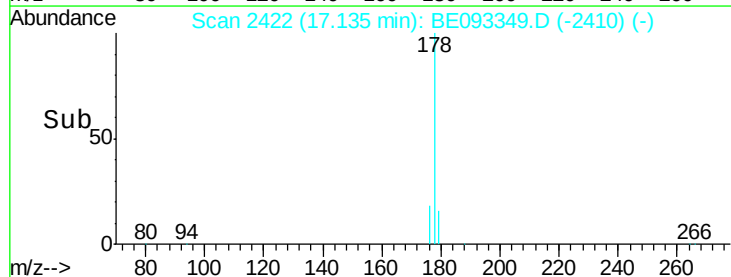
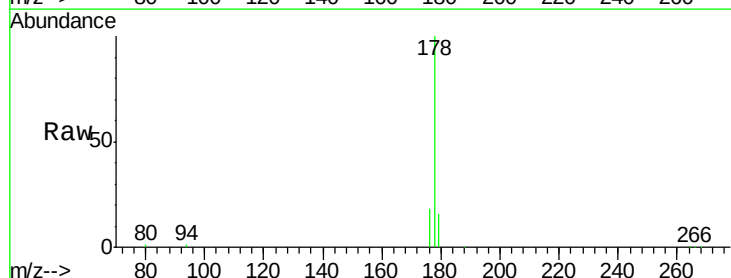
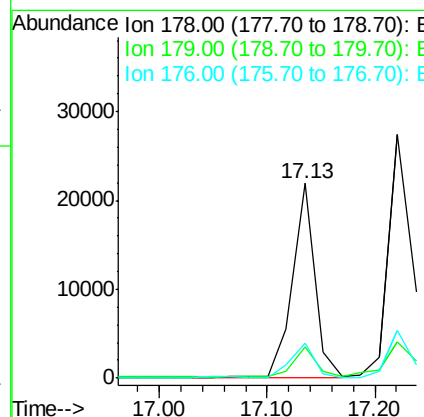
RT: 17.13 min Scan# 2422

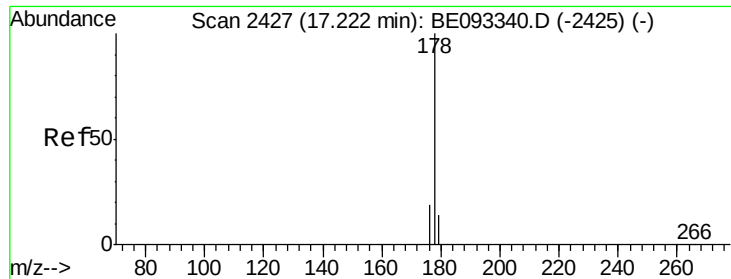
Delta R.T. -0.00 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Tgt Ion:	178	Resp:	31579
Ion Ratio	Lower	Upper	
178	100		
179	16.3	18.4	27.6#
176	18.0	13.6	20.4





#13

Anthracene

Concen: 1.396 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Instrument :

BNA_E

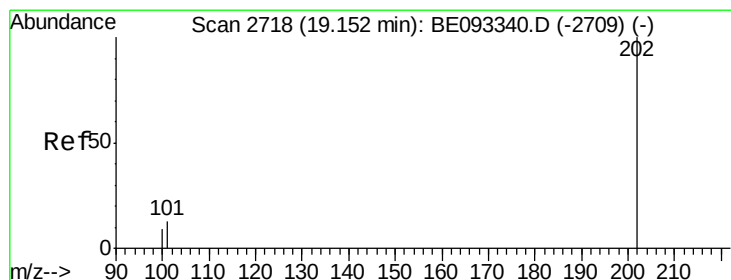
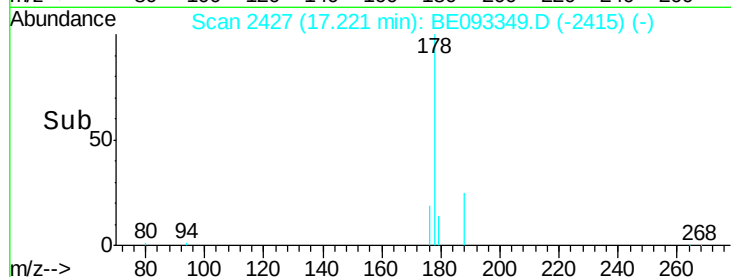
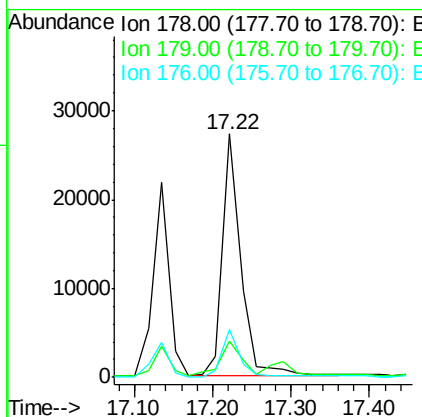
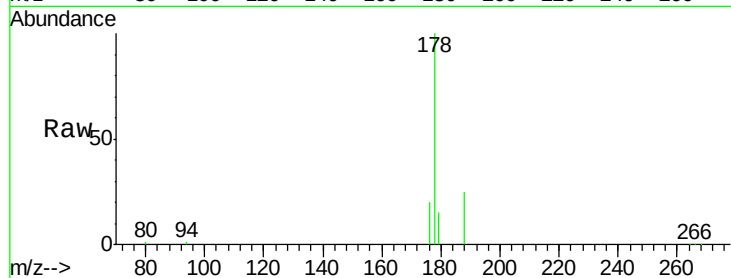
ClientSampleId :

F5A69

Tgt Ion:	178	Resp:	44107
Ion Ratio	Lower	Upper	
178	100		
179	14.9	18.1	27.1#
176	19.6	14.7	22.1

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#15

Fluoranthene

Concen: 7.505 ng/ul

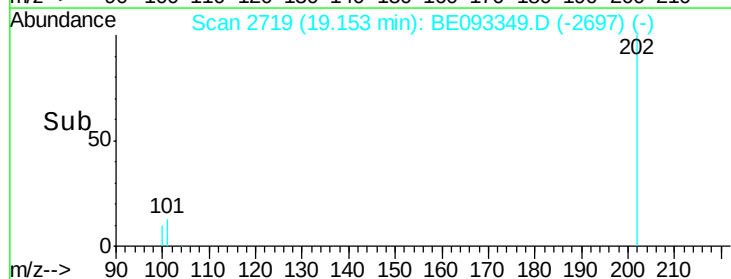
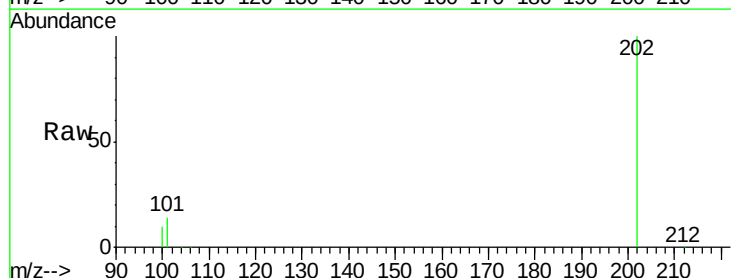
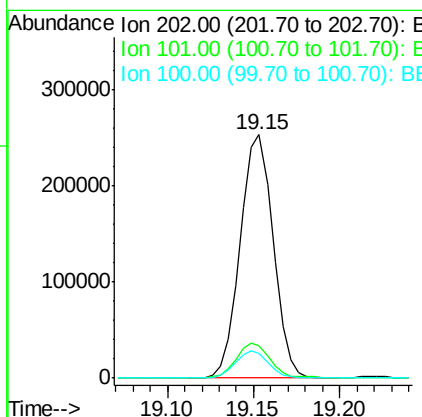
RT: 19.15 min Scan# 2719

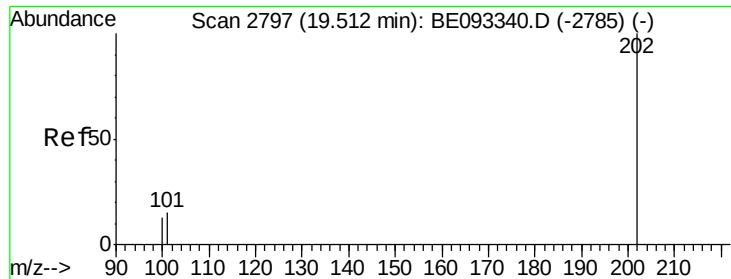
Delta R.T. 0.00 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Tgt Ion:	202	Resp:	334074
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	30.3
100	10.0	0.0	39.5





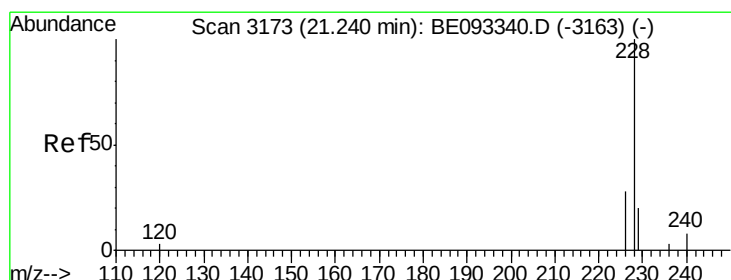
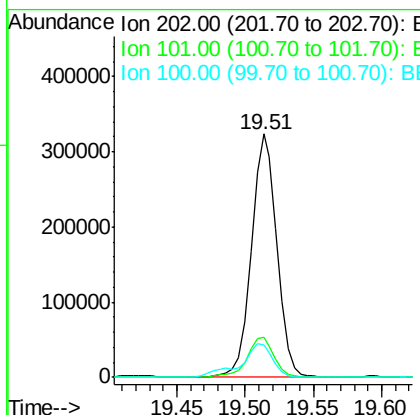
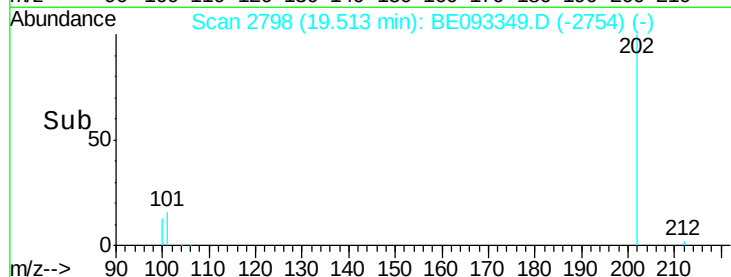
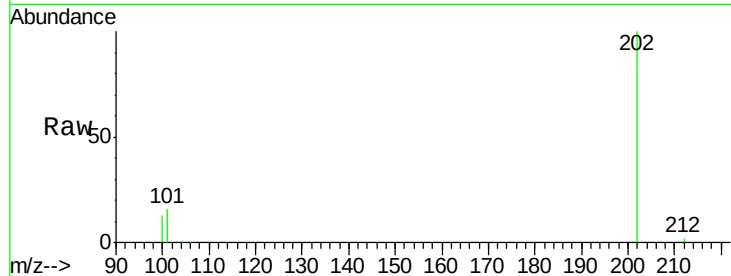
#17
Pyrene
 Concen: 10.253 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093349.D
 Acq: 23 Jun 2017 22:39

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 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	16.4	18.2	27.4#
100	13.4	15.6	23.4#

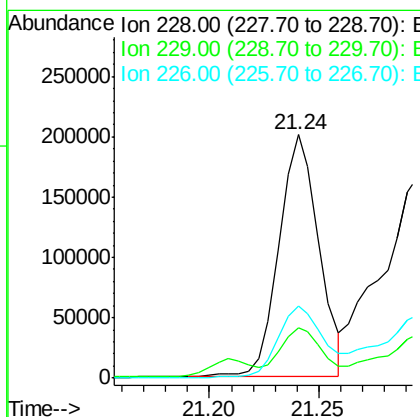
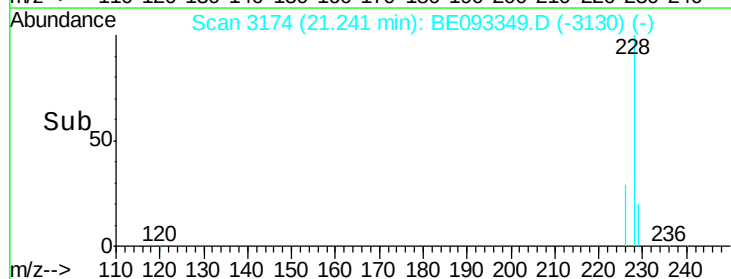
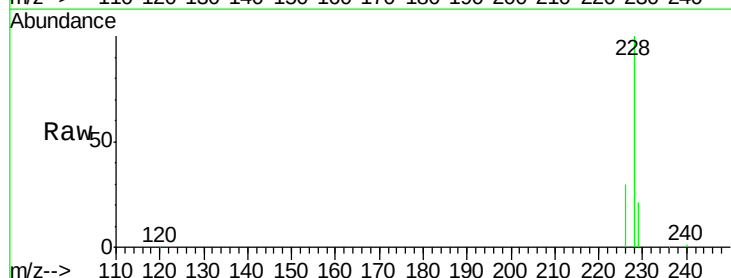
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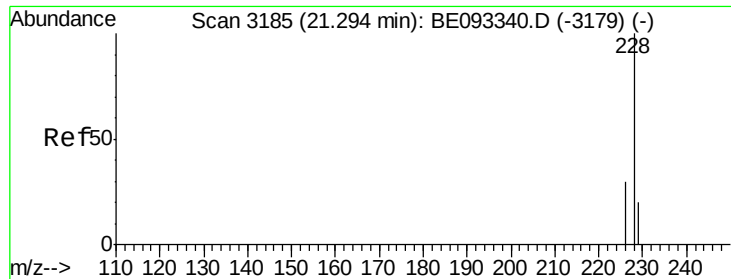
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#18
Benzo(a)anthracene
 Concen: 6.882 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093349.D
 Acq: 23 Jun 2017 22:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	29.7	17.0	25.6#





#19

Chrysene

Concen: 7.453 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Instrument :

BNA_E

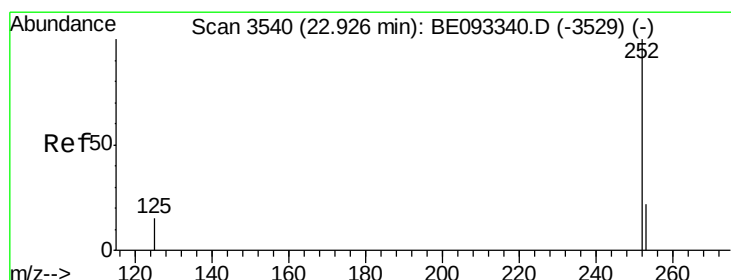
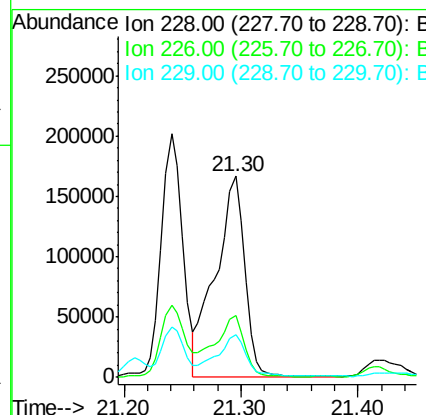
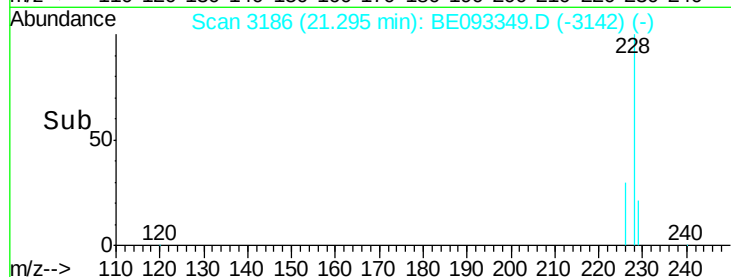
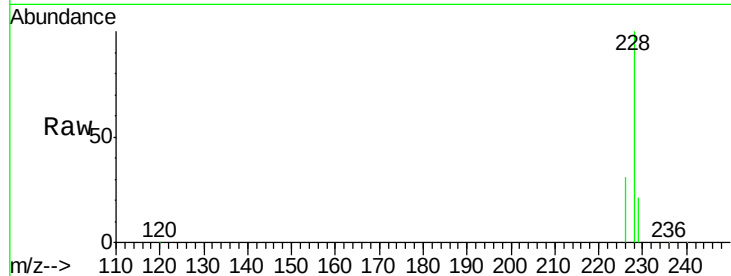
ClientSampleId :

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Tgt Ion:	228	Resp:	286395
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	21.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 14.391 ng/ul

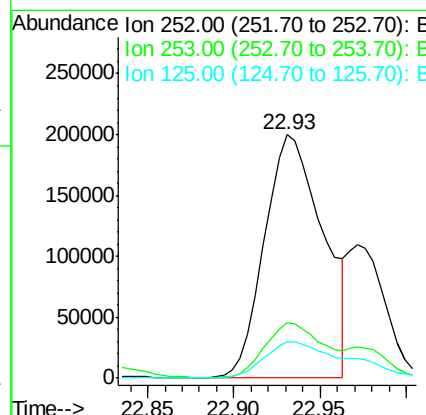
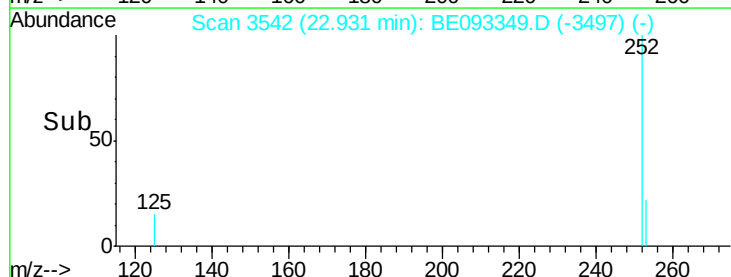
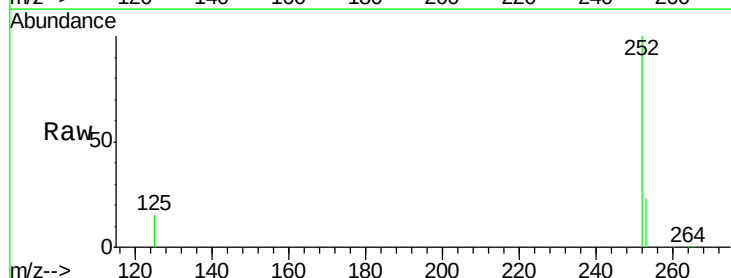
RT: 22.93 min Scan# 3542

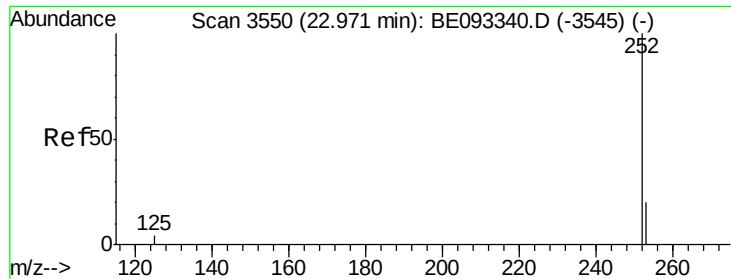
Delta R.T. 0.01 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Tgt Ion:	252	Resp:	470497
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	64.2
125	14.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.794 ng/ul m

RT: 22.97 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Instrument :

BNA_E

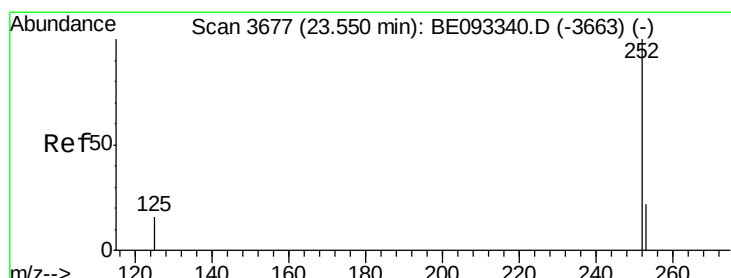
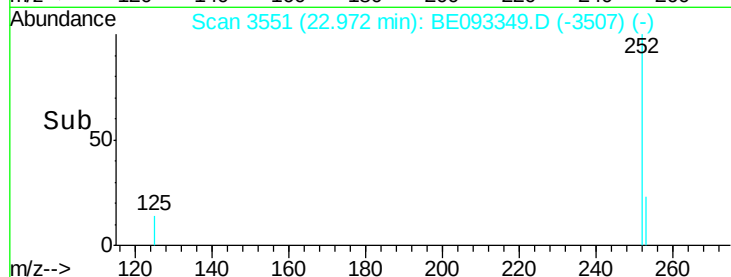
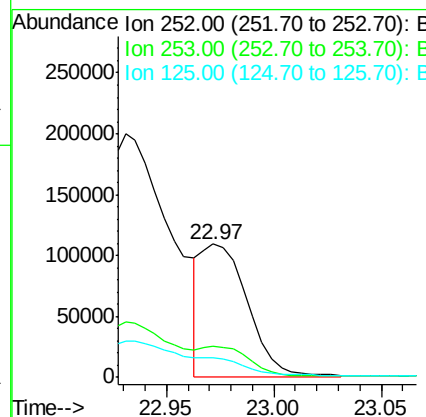
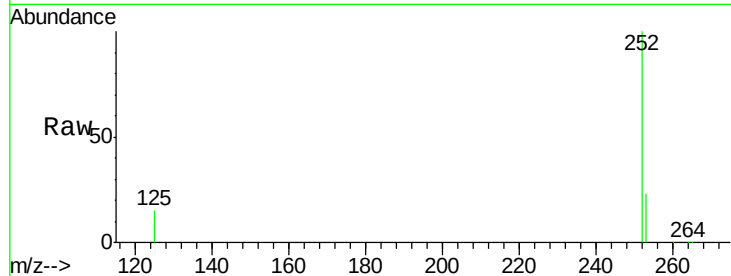
ClientSampled :

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Tgt Ion:	252	Resp:	166464
Ion Ratio	Lower	Upper	
252	100		
253	23.4	24.5	36.7#
125	14.5	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 7.908 ng/ul m

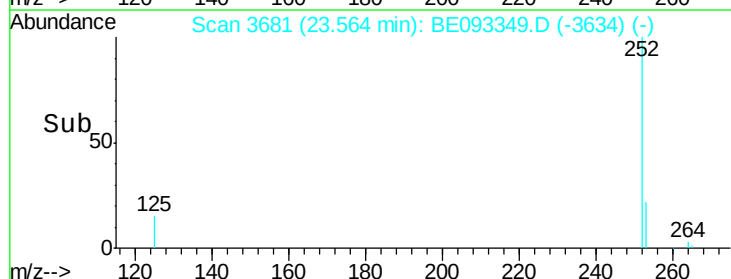
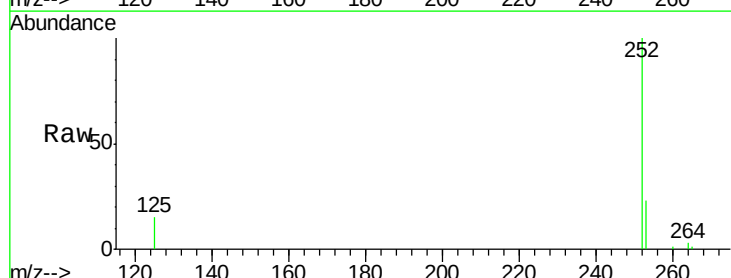
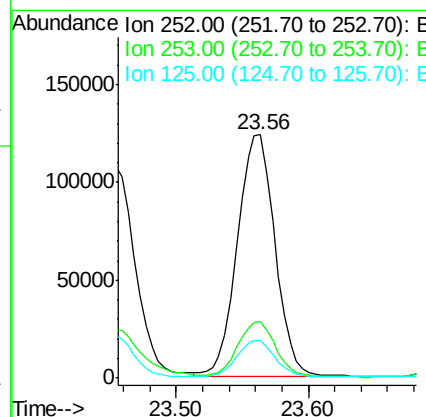
RT: 23.56 min Scan# 3681

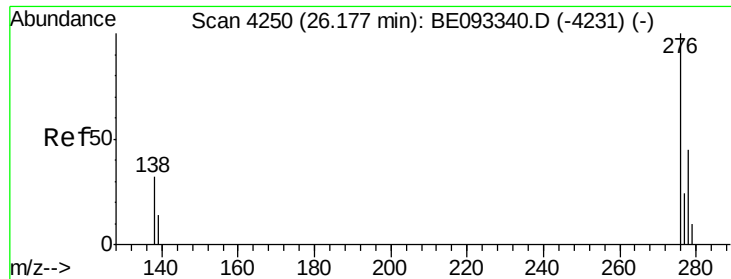
Delta R.T. 0.01 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Tgt Ion:	252	Resp:	244450
Ion Ratio	Lower	Upper	
252	100		
253	23.2	28.5	42.7#
125	15.2	18.1	27.1#





#24

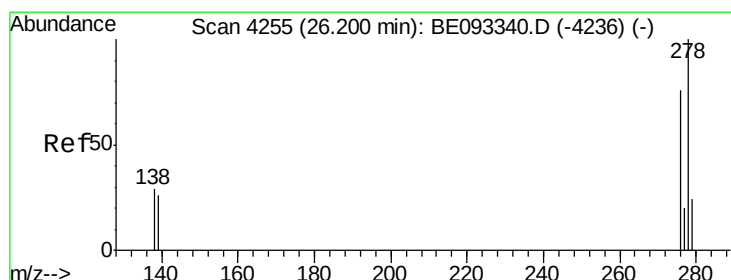
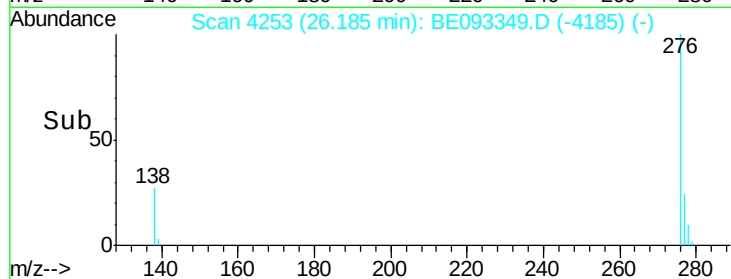
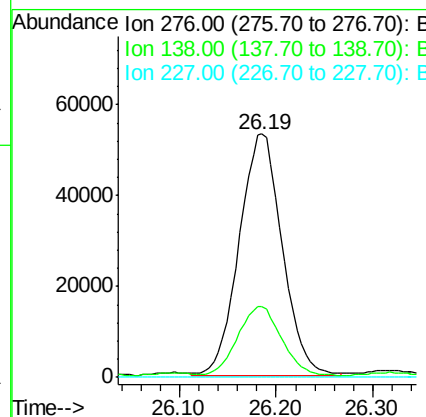
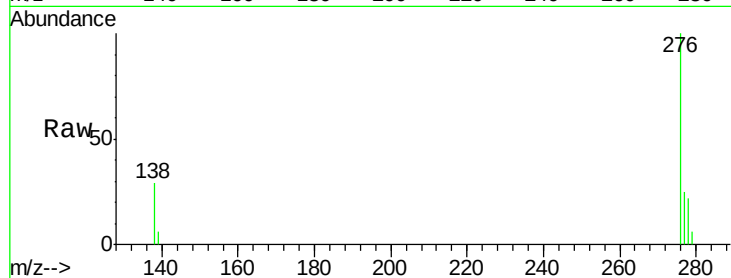
Indeno(1,2,3-cd)pyrene
Concen: 4.594 ng/ul m
RT: 26.19 min Scan# 4253
Delta R.T. 0.01 min
Lab File: BE093349.D
Acq: 23 Jun 2017 22:39

Instrument :
BNA_E
ClientSampleId :
F5A69

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	164434		
138	2.8	28.0	42.0#	
227	0.0	8.0	12.0#	

Manual Integrations
APPROVED

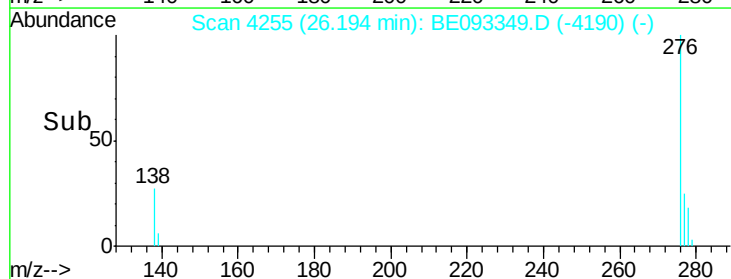
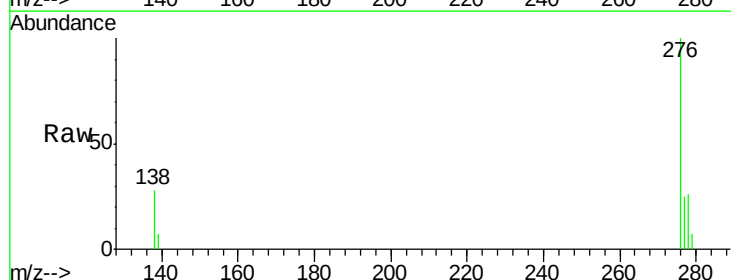
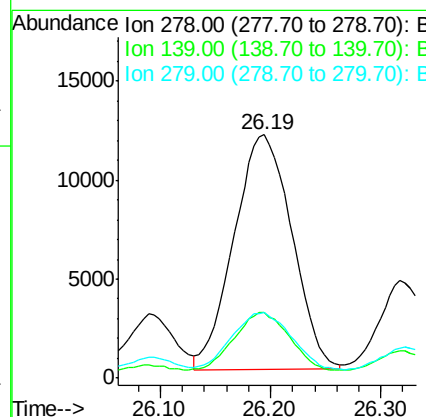
mohammad
6/29/2017 8:33:31 AM

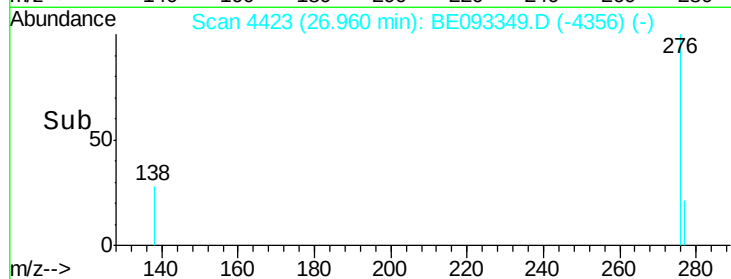
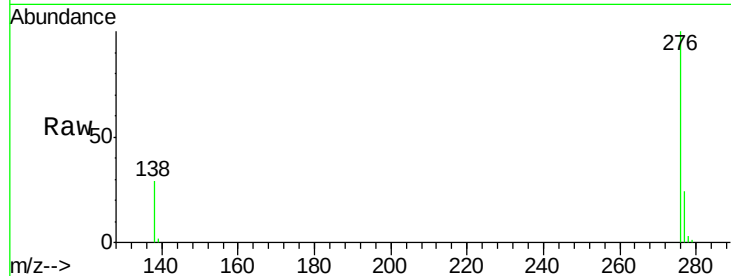
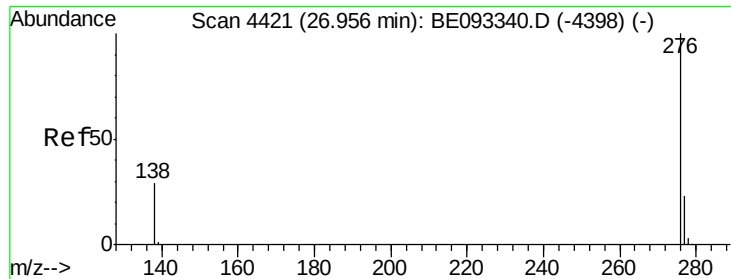


#25

Dibenzo(a,h)anthracene
Concen: 1.436 ng/ul m
RT: 26.19 min Scan# 4255
Delta R.T. -0.01 min
Lab File: BE093349.D
Acq: 23 Jun 2017 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	43298		
139	26.8	17.4	26.0#	
279	26.7	25.9	38.9	





#26

Benzo(g,h,i)perylene

Concen: 3.696 ng/ul

RT: 26.96 min Scan# 4423

Delta R.T. 0.00 min

Lab File: BE093349.D

Acq: 23 Jun 2017 22:39

Instrument :

BNA_E

ClientSampleId :

F5A69

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	29.2	21.8	32.8	
277	24.1	20.5	30.7	

Manual Integrations
APPROVED

mohammad
6/29/2017 8:33:31 AM

