

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093339.D
 Acq On : 23 Jun 2017 15:50
 Operator : SJ/JU
 Sample : I3625-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B06

Manual Integrations
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mohammad
 6/29/2017 8:32:52 AM

Quant Time: Jun 24 04:27:34 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 03:58:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1664	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8737	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5548	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13252	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13927	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	14536	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2475	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	6936	0.19	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	1973	0.091	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142	562	0.038	ng/ul	98
7) Acenaphthylene	14.09	152	17126	0.719	ng/ul	95
8) Acenaphthene	14.42	153	902	0.047	ng/ul	96
9) Fluorene	15.42	166	1041	0.046	ng/ul#	91
12) Phenanthrene	17.14	178	10073	0.276	ng/ul#	92
13) Anthracene	17.22	178	26127	0.823	ng/ul#	90
15) Fluoranthene	19.15	202	96123	2.150	ng/ul	84
17) Pyrene	19.51	202	150192	3.657	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	71663	1.929	ng/ul#	85
19) Chrysene	21.29	228	98933	2.567	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	189030m	4.285	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	68776m	1.468	ng/ul	
23) Benzo(a)pyrene	23.55	252	90757	2.176	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.18	276	62099	1.286	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	16561	0.407	ng/ul#	85
26) Benzo(g,h,i)perylene	26.96	276	46070	1.112	ng/ul	96

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

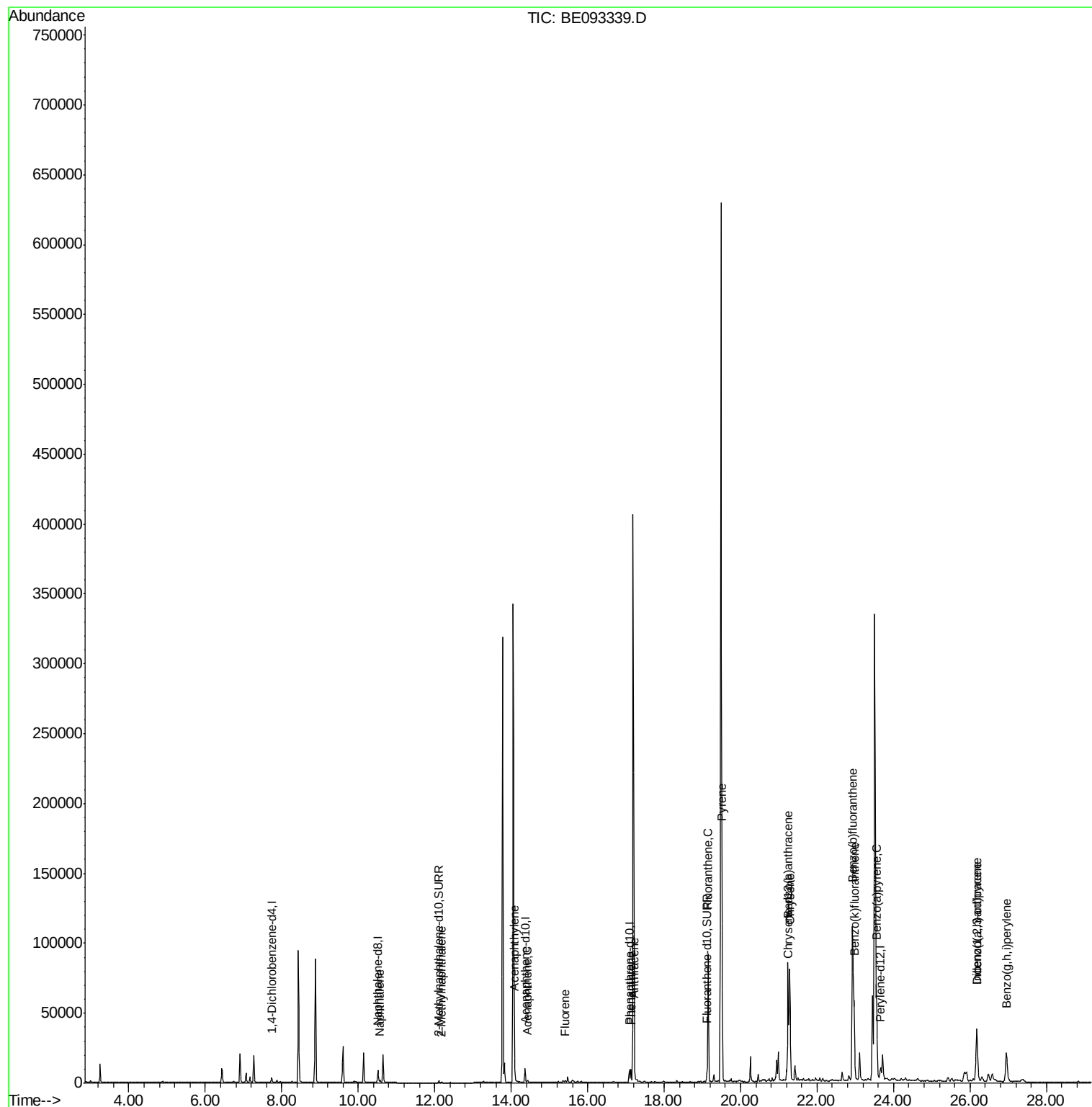
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093339.D
Acq On : 23 Jun 2017 15:50
Operator : SJ/JU
Sample : I3625-06
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ALS Vial : 7 Sample Multiplier: 1

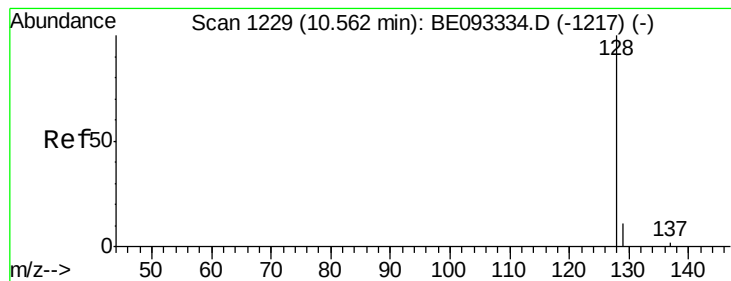
Instrument :
BNA_E
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F5B06

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#3

Naphthalene

Concen: 0.091 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

Instrument :

BNA_E

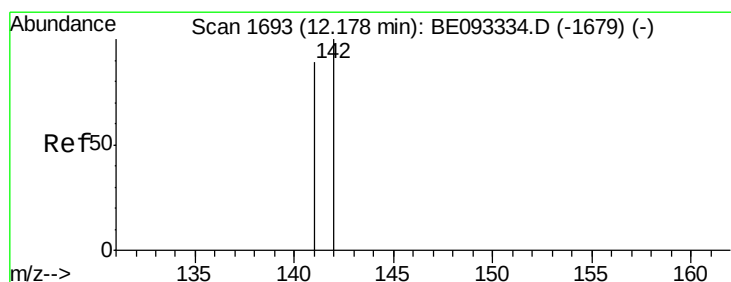
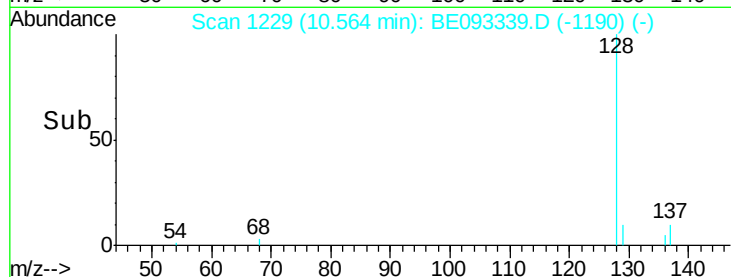
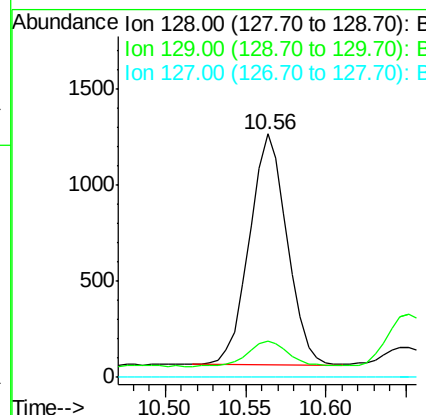
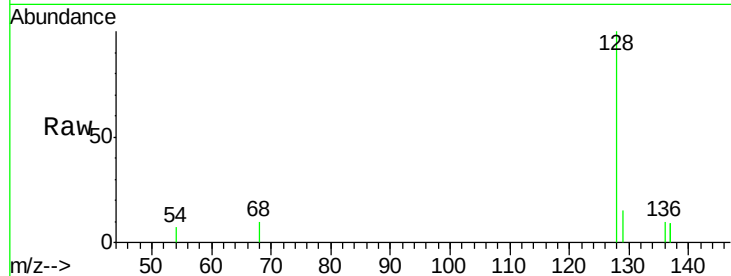
ClientSampleId :

F5B06

Tgt Ion:	128	Resp:	1973
Ion	Ratio	Lower	Upper
128	100		
129	14.8	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.038 ng/ul

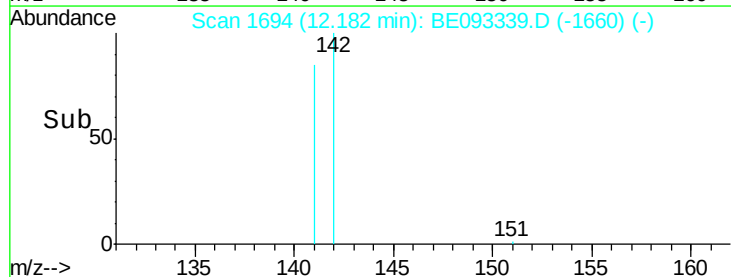
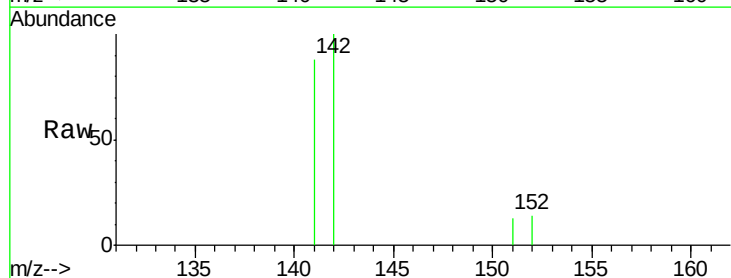
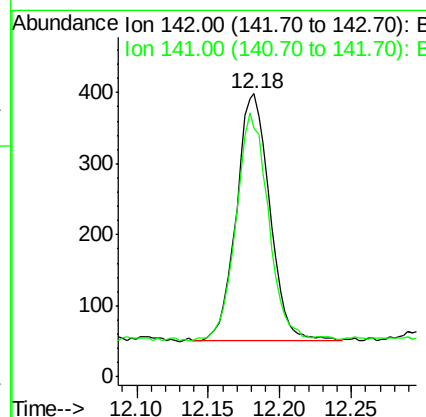
RT: 12.18 min Scan# 1694

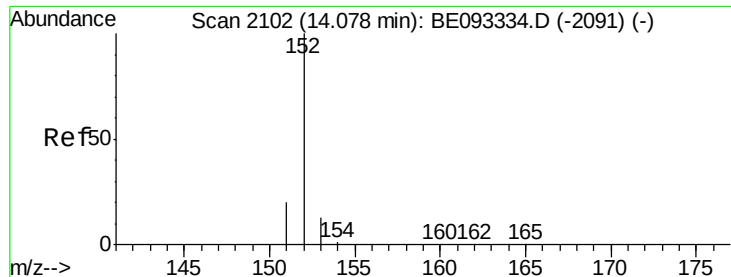
Delta R.T. 0.00 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

Tgt Ion:	142	Resp:	562
Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.719 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

Instrument :

BNA_E

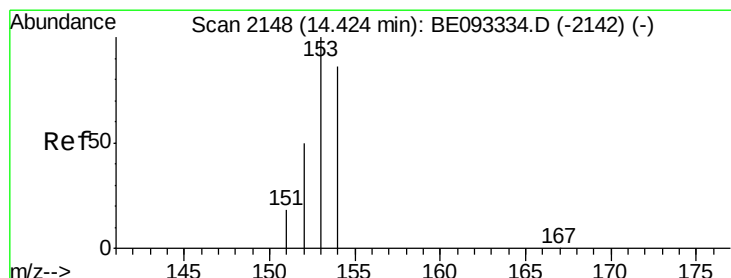
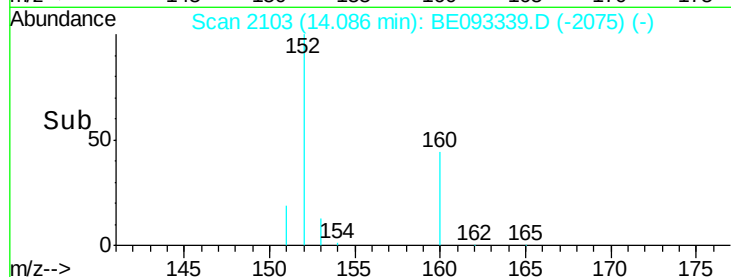
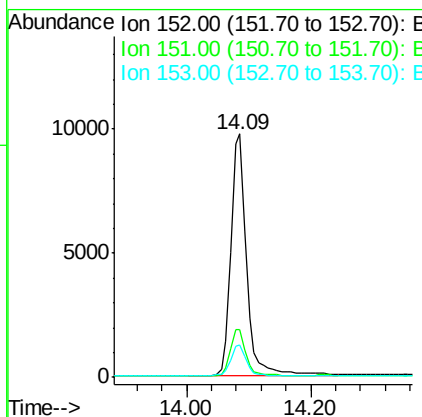
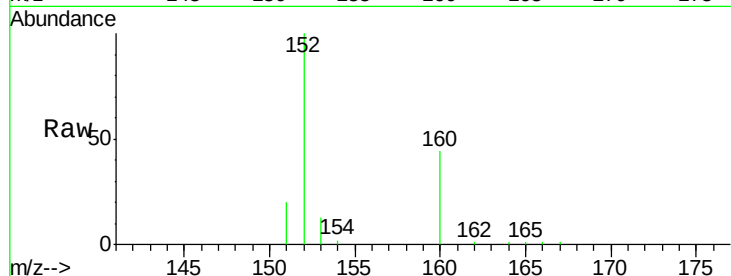
ClientSampleId :

F5B06

Tgt Ion:	152	Resp:	17126
Ion Ratio	Lower	Upper	
152	100		
151	19.7	17.1	25.7
153	13.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.047 ng/ul

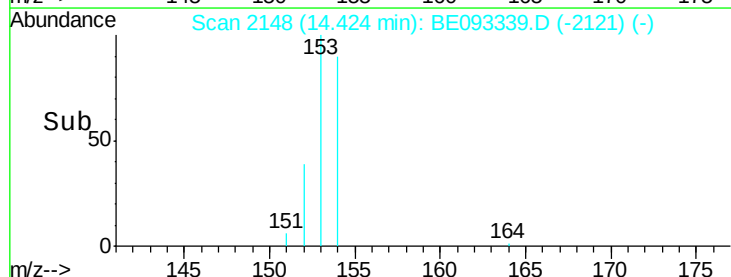
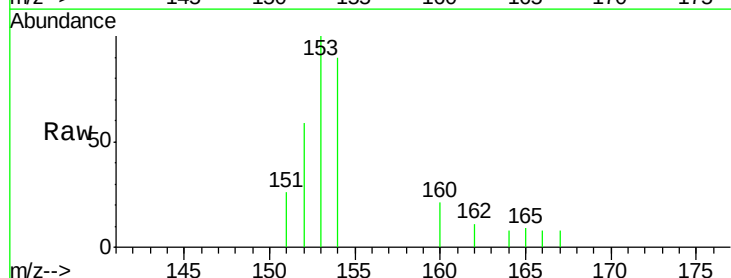
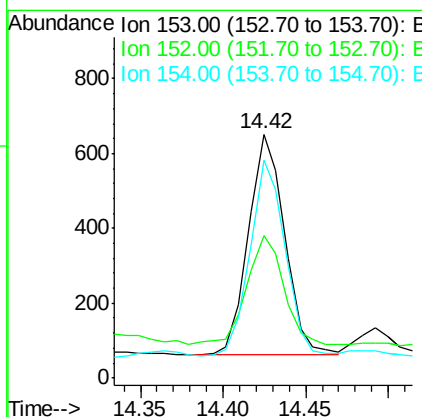
RT: 14.42 min Scan# 2148

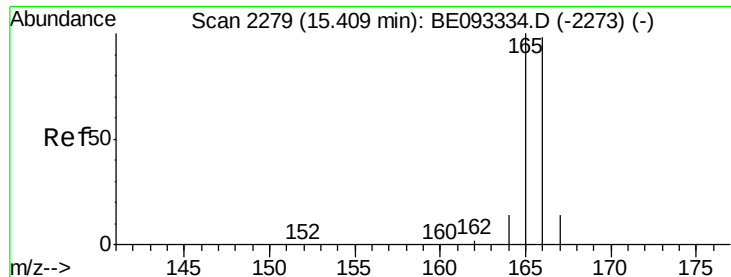
Delta R.T. 0.00 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

Tgt Ion:	153	Resp:	902
Ion Ratio	Lower	Upper	
153	100		
152	58.5	40.3	60.5
154	89.6	71.4	107.2





#9

Fluorene

Concen: 0.046 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

Instrument :

BNA_E

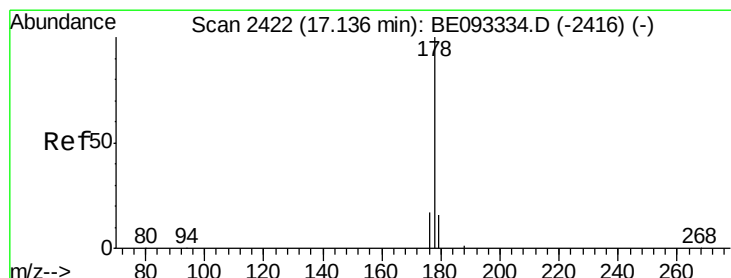
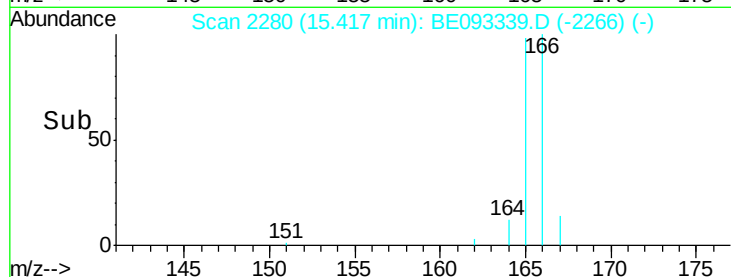
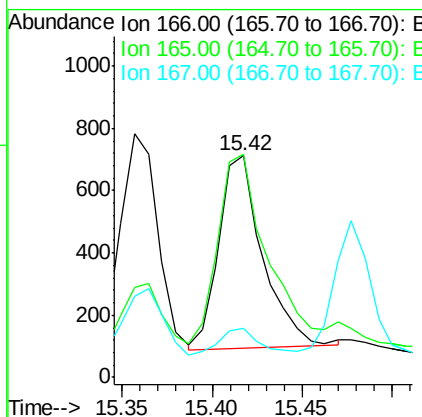
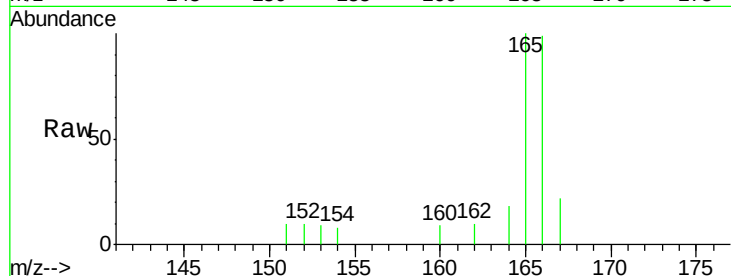
ClientSampled :

F5B06

Tgt Ion:	166	Resp:	1041
Ion Ratio	Lower	Upper	
166	100		
165	100.8	73.4	110.2
167	22.1	14.6	22.0

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#12

Phenanthrene

Concen: 0.276 ng/ul

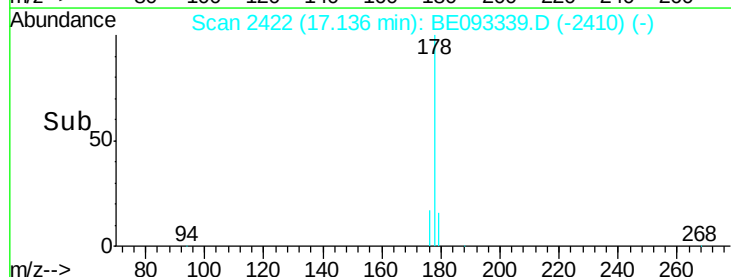
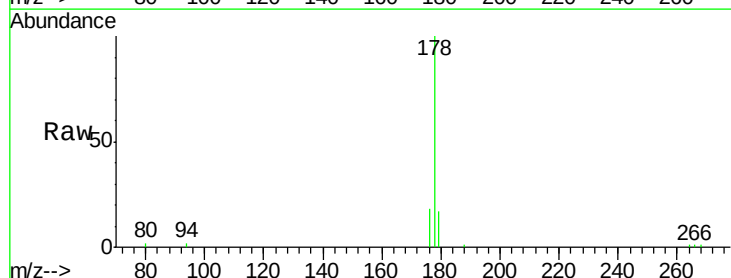
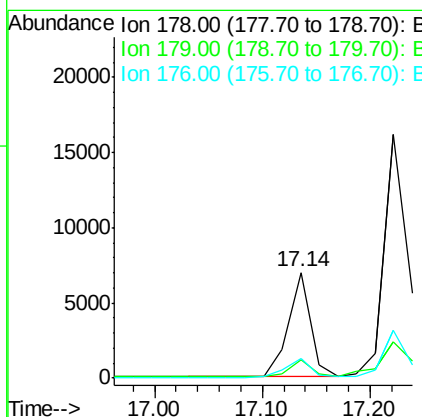
RT: 17.14 min Scan# 2422

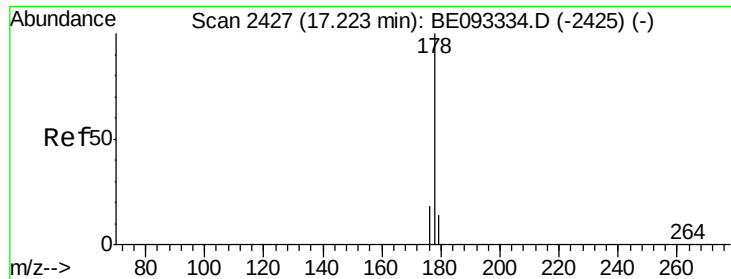
Delta R.T. -0.00 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

Tgt Ion:	178	Resp:	10073
Ion Ratio	Lower	Upper	
178	100		
179	17.0	18.4	27.6
176	18.0	13.6	20.4





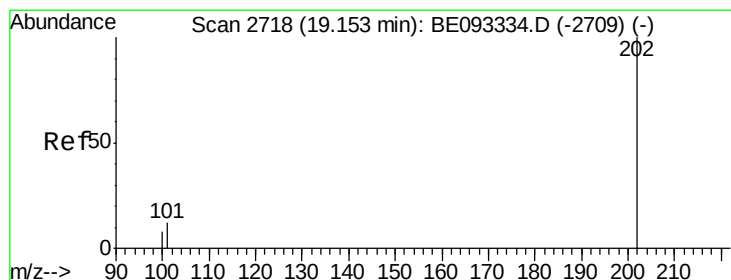
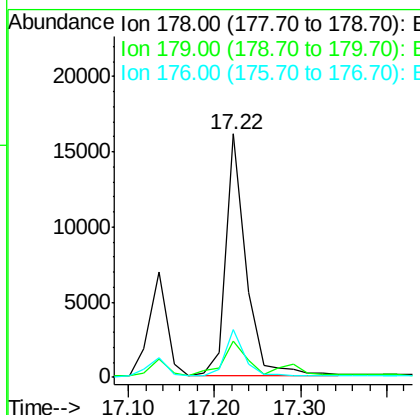
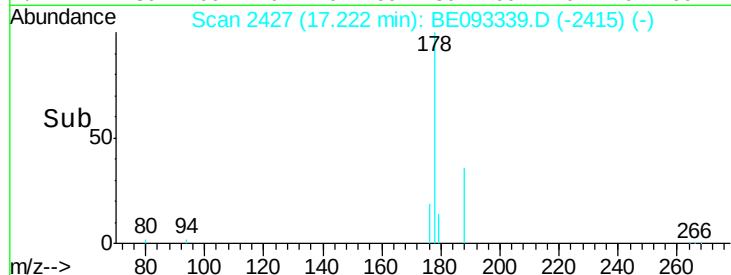
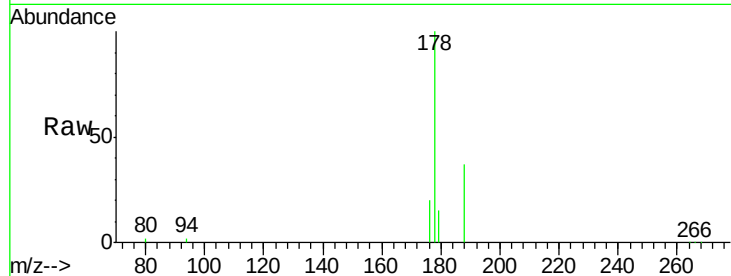
#13
 Anthracene
 Concen: 0.823 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE093339.D
 Acq: 23 Jun 2017 15:50

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.1	27.1#
176	19.5	14.7	22.1

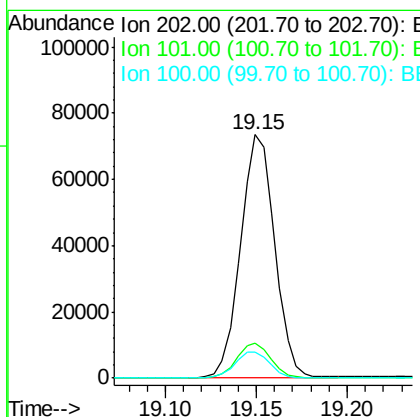
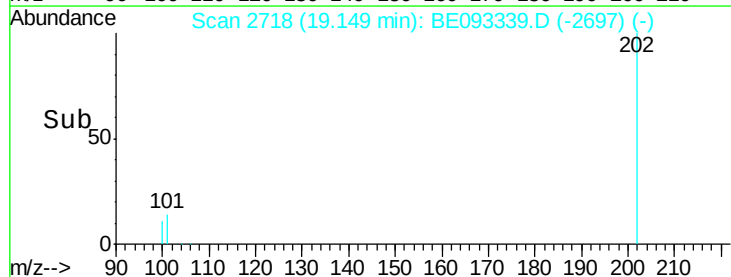
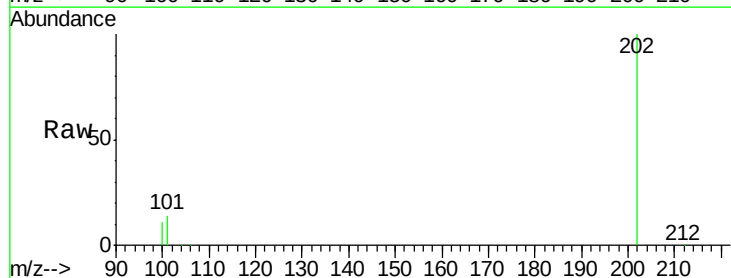
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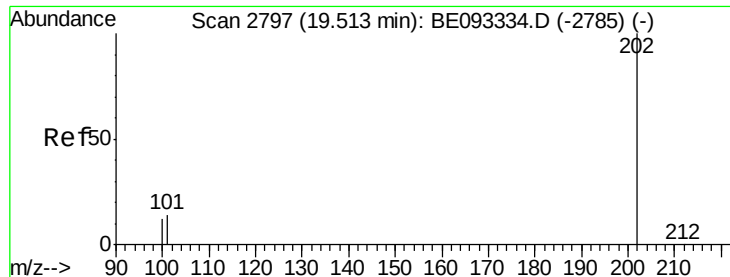
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#15
 Fluoranthene
 Concen: 2.150 ng/ul
 RT: 19.15 min Scan# 2718
 Delta R.T. -0.00 min
 Lab File: BE093339.D
 Acq: 23 Jun 2017 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.3
100	10.7	0.0	39.5





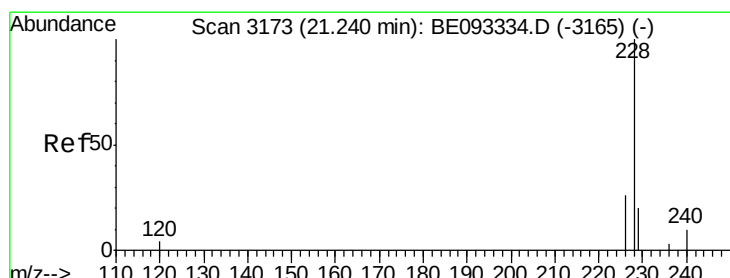
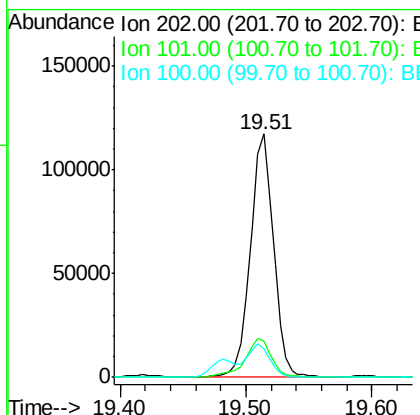
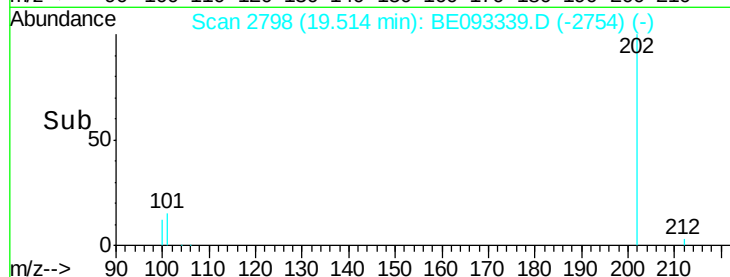
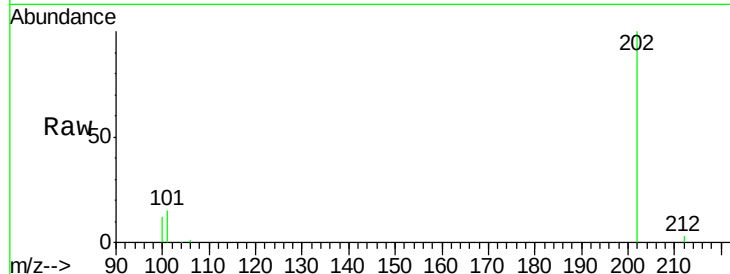
#17
Pyrene
 Concen: 3.657 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093339.D
 Acq: 23 Jun 2017 15:50

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	18.2	27.4#
100	11.9	15.6	23.4#

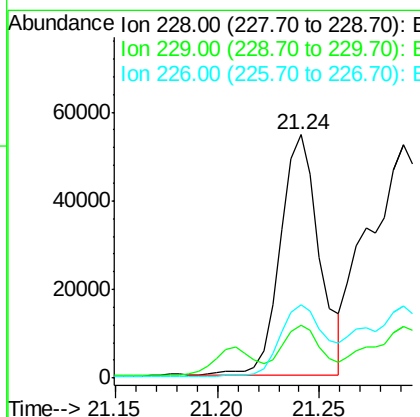
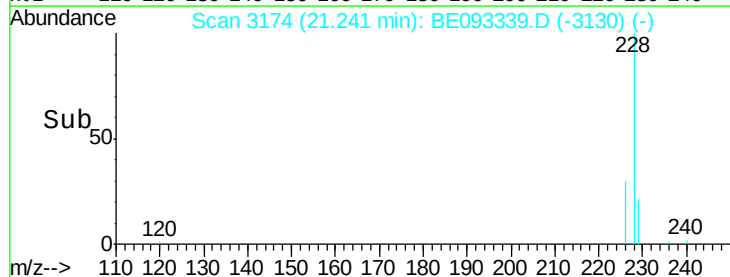
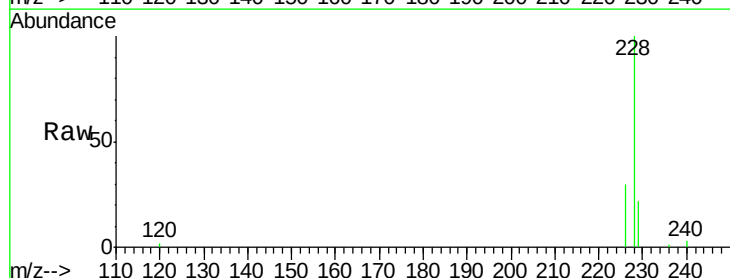
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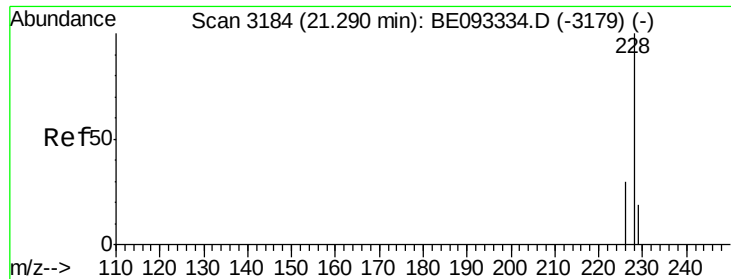
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#18
Benzo(a)anthracene
 Concen: 1.929 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093339.D
 Acq: 23 Jun 2017 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.7	22.8	34.2#
226	30.2	17.0	25.6#





#19

Chrysene

Concen: 2.567 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

Instrument :

BNA_E

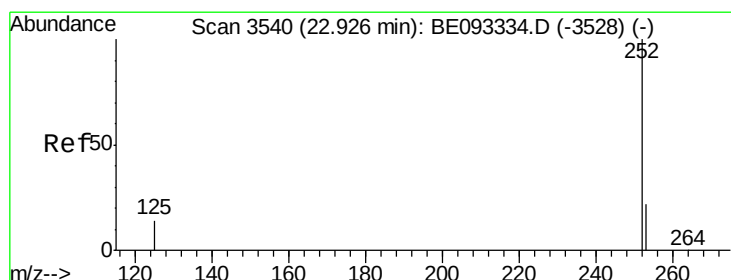
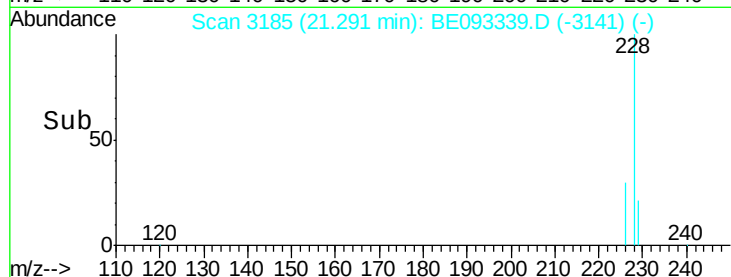
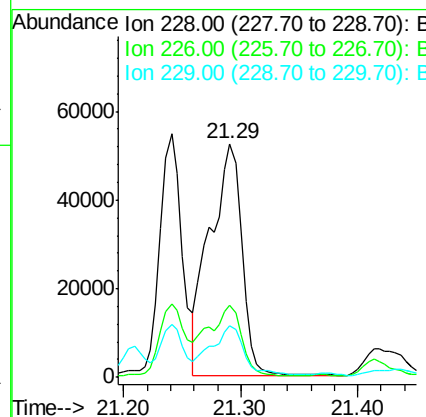
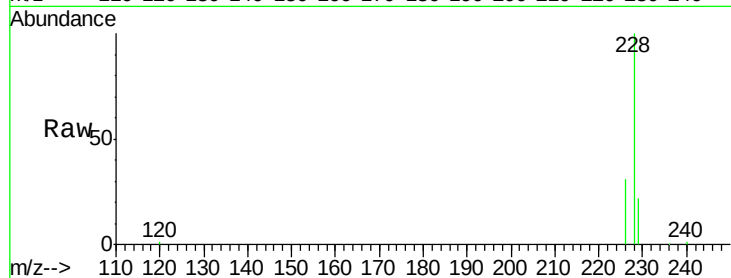
ClientSampleId :

F5B06

Tgt Ion:	228	Resp:	98933
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.0
229	22.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.285 ng/ul m

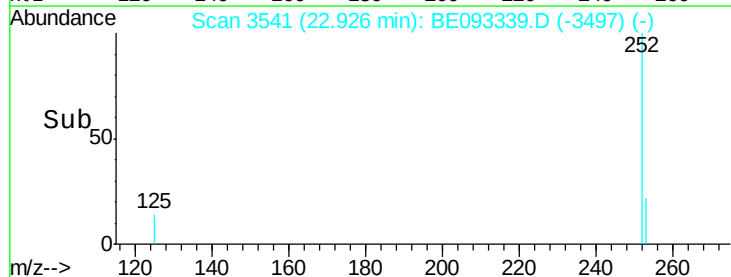
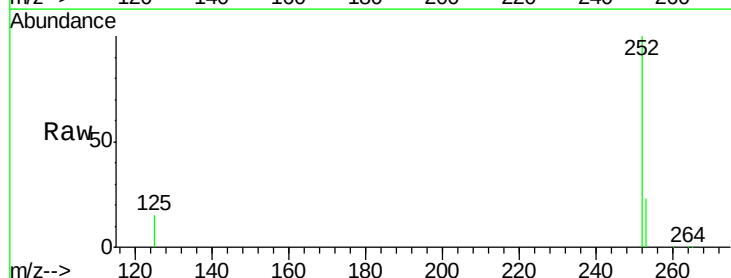
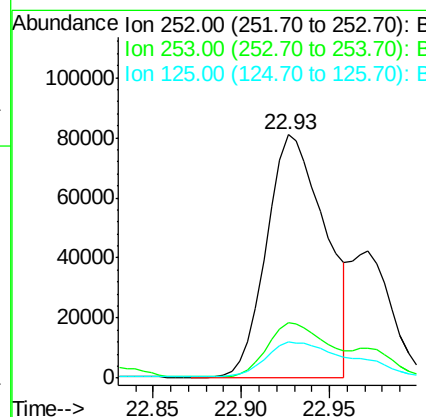
RT: 22.93 min Scan# 3541

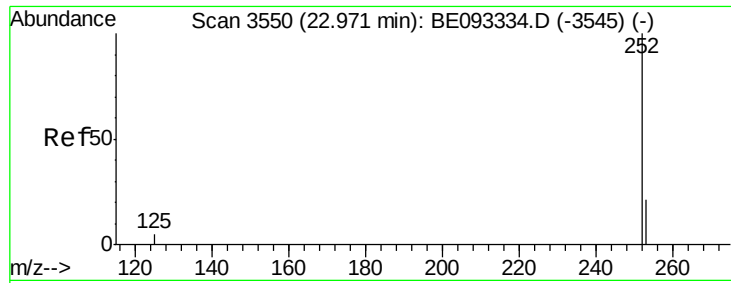
Delta R.T. 0.00 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

Tgt Ion:	252	Resp:	189030
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: 1.468 ng/ul m

RT: 22.97 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

Instrument :

BNA_E

ClientSampleId :

F5B06

Tgt Ion:252 Resp: 68776

Ion Ratio Lower Upper

252 100

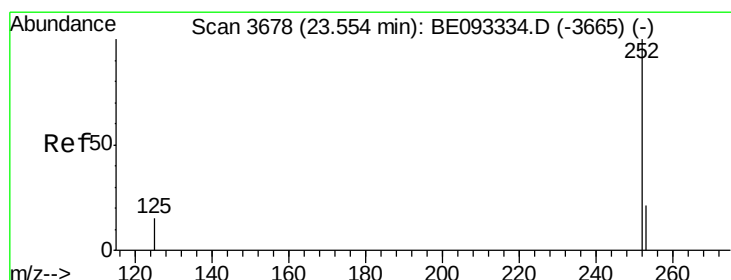
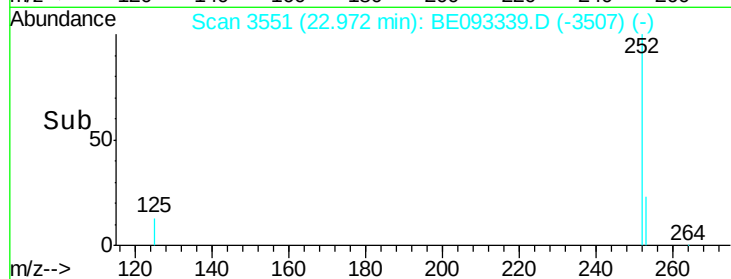
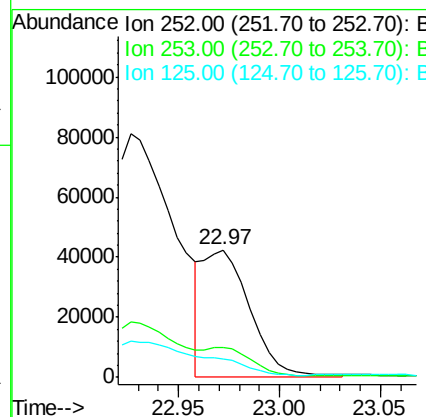
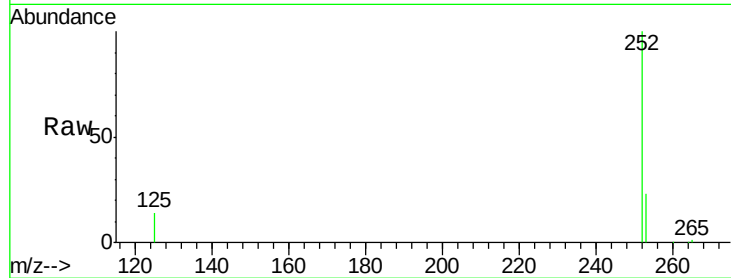
253 23.3 24.5 36.7#

125 14.4 13.7 20.5

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#23

Benzo(a)pyrene

Concen: 2.176 ng/ul

RT: 23.55 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BE093339.D

Acq: 23 Jun 2017 15:50

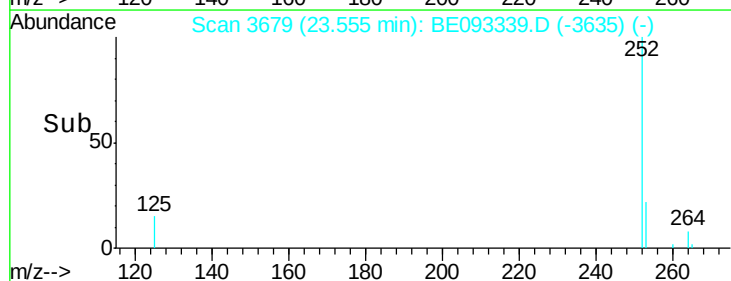
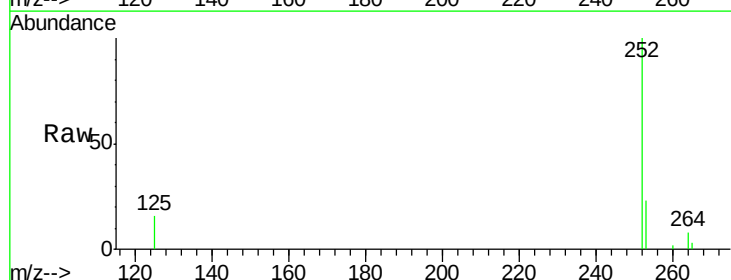
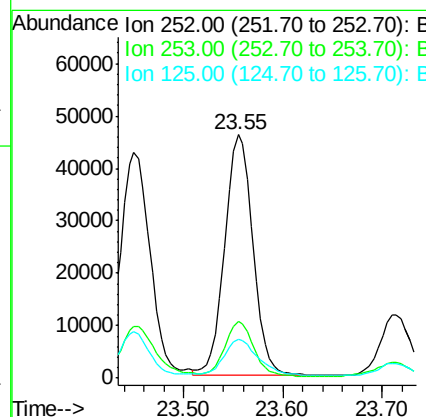
Tgt Ion:252 Resp: 90757

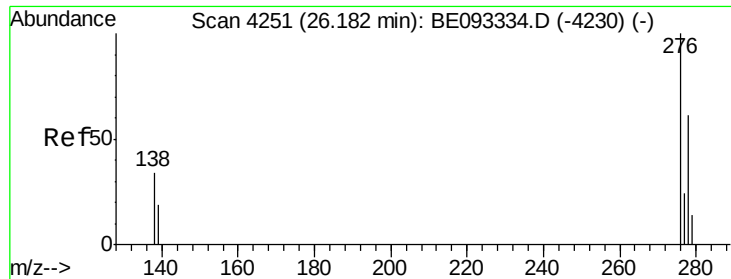
Ion Ratio Lower Upper

252 100

253 23.2 28.5 42.7#

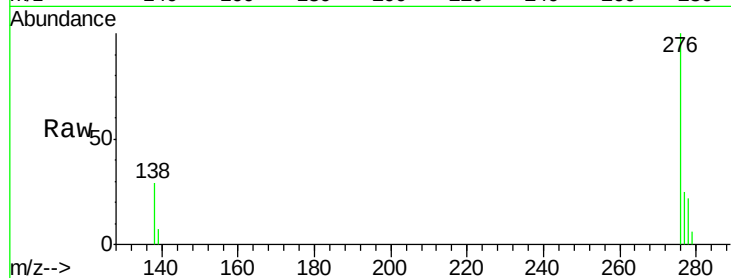
125 15.8 18.1 27.1#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.286 ng/ul
 RT: 26.18 min Scan# 4252
 Delta R.T. -0.00 min
 Lab File: BE093339.D
 Acq: 23 Jun 2017 15:50

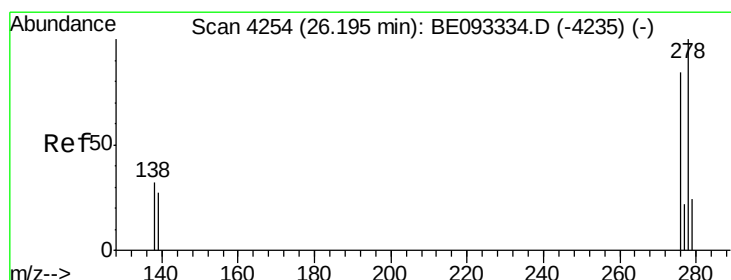
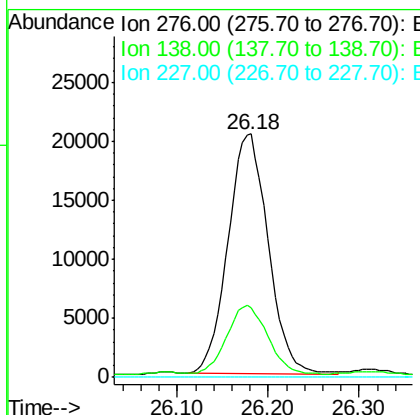
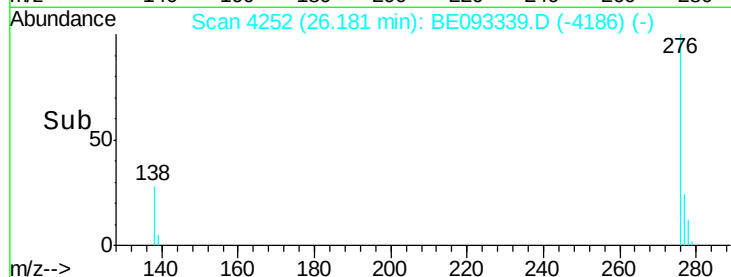
Instrument :
 BNA_E
 ClientSampleId :
 F5B06



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	62099		
138	29.7		28.0	42.0
227	0.0		8.0	12.0

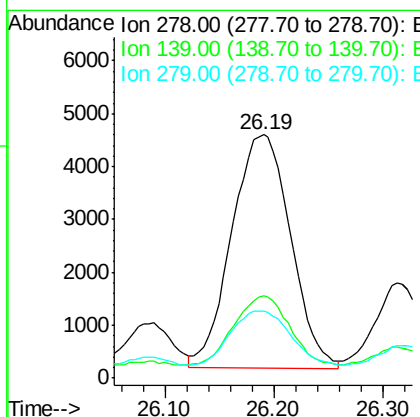
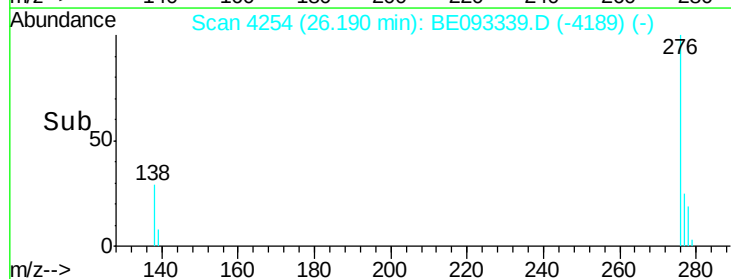
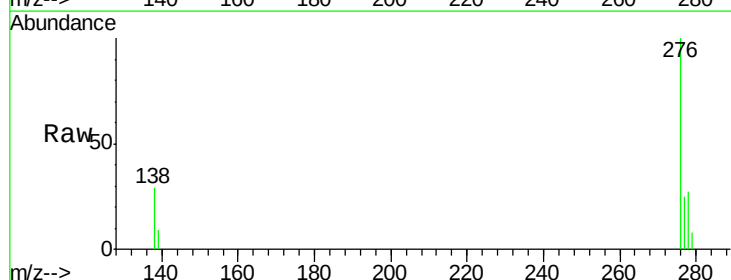
Manual Integrations
 APPROVED

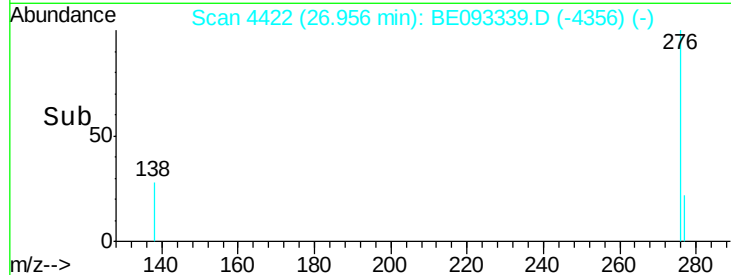
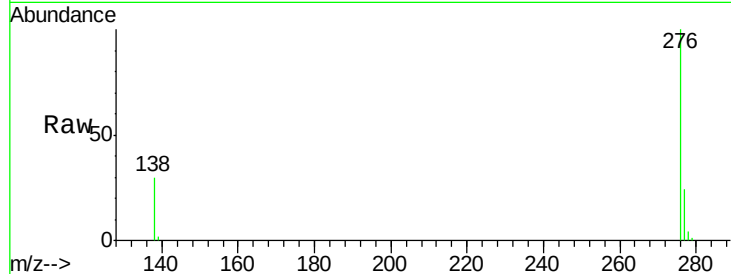
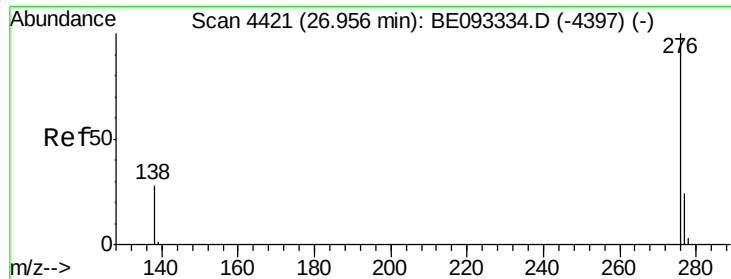
mohammad
 6/29/2017 8:32:52 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.407 ng/ul
 RT: 26.19 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093339.D
 Acq: 23 Jun 2017 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	16561		
139	33.6		17.4	26.0
279	27.7		25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 1.112 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. -0.00 min
Lab File: BE093339.D
Acq: 23 Jun 2017 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.6	21.8	32.8
277	24.3	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
F5B06

Manual Integrations
APPROVED

mohammad
6/29/2017 8:32:52 AM

