

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093296.D
 Acq On : 21 Jun 2017 00:05
 Operator : SJ/JU
 Sample : I3627-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A89

Manual Integrations
 APPROVED

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 6/21/2017 12:19:05 PM

Quant Time: Jun 21 04:04:39 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 21 03:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2103	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10959	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	7580	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	17005	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	16403	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	13799m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4717	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	12890	0.28	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	27033	0.994	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	16513	0.888	ng/ul	98
7) Acenaphthylene	14.09	152	5028	0.155	ng/ul#	94
8) Acenaphthene	14.42	153	45819	1.746	ng/ul	97
9) Fluorene	15.42	166	57416	1.866	ng/ul	94
12) Phenanthrene	17.14	178	521671	11.149	ng/ul#	87
13) Anthracene	17.22	178	51479	1.264	ng/ul#	88
15) Fluoranthene	19.15	202	305455	5.324	ng/ul	84
17) Pyrene	19.52	202	186273	3.851	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	48019	1.097	ng/ul#	85
19) Chrysene	21.29	228	41637	0.917	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	25054	0.598	ng/ul	88
22) Benzo(k)fluoranthene	22.97	252	9318m	0.210	ng/ul	
23) Benzo(a)pyrene	23.56	252	12815m	0.324	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	5461m	0.119	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	1818m	0.047	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	4286	0.109	ng/ul#	90

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

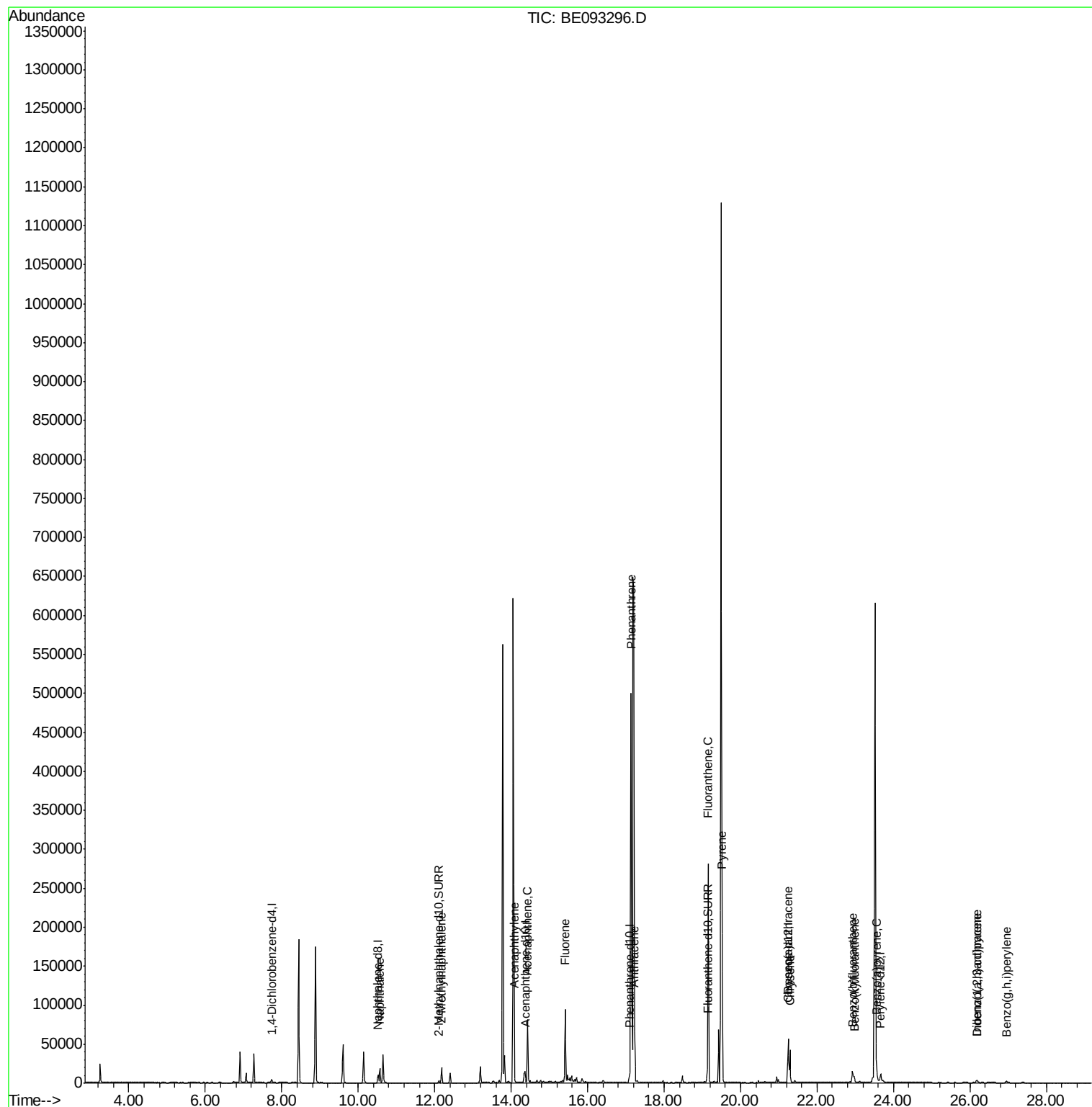
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
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Sample : I3627-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

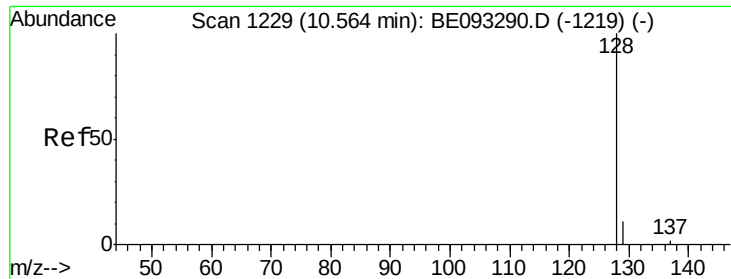
Instrument :
BNA_E
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F5A89

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 0.994 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Instrument :

BNA_E

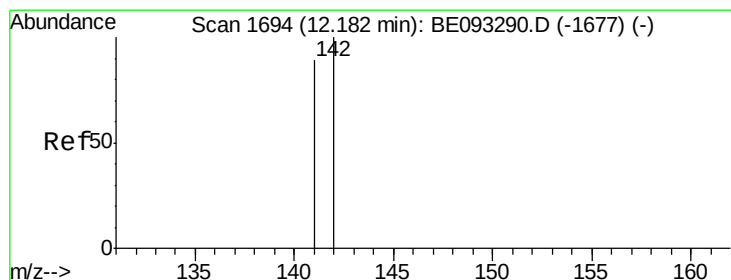
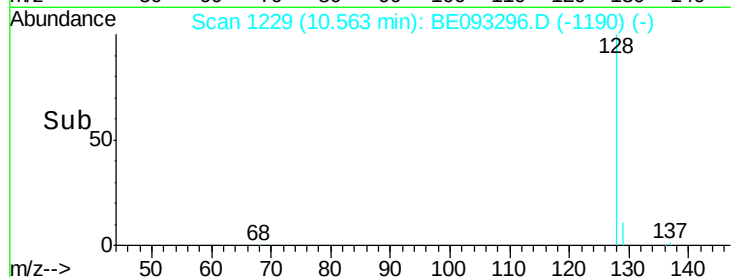
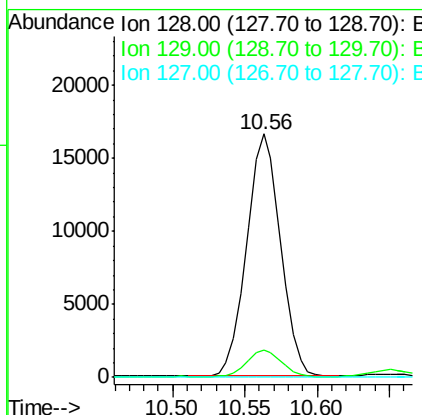
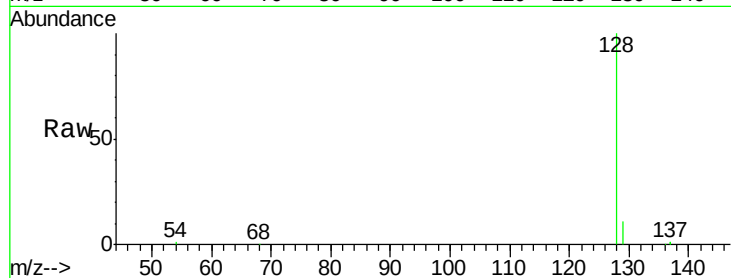
ClientSampleId :

F5A89

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.888 ng/ul

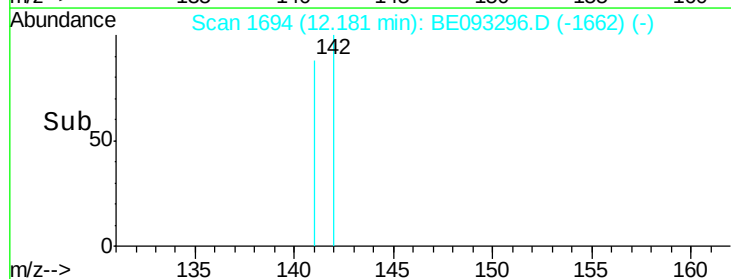
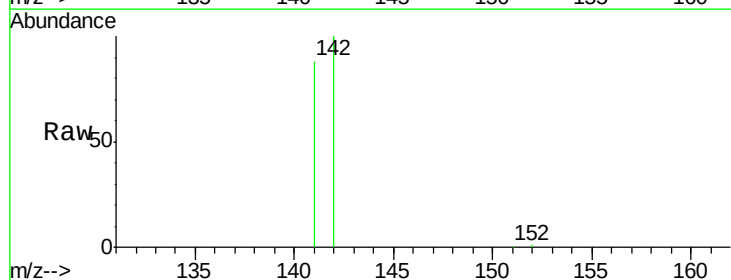
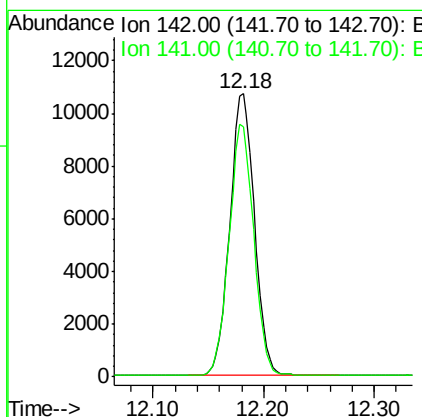
RT: 12.18 min Scan# 1694

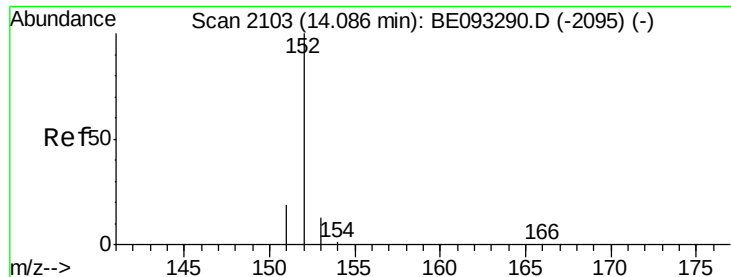
Delta R.T. -0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.155 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Instrument :

BNA_E

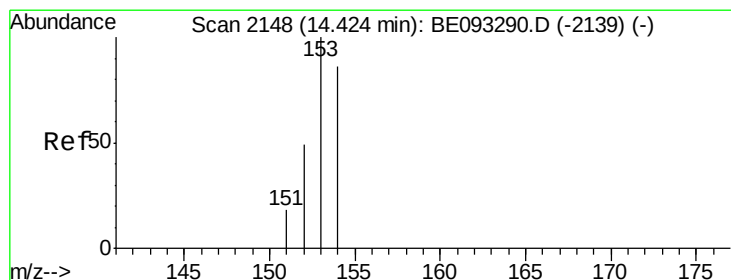
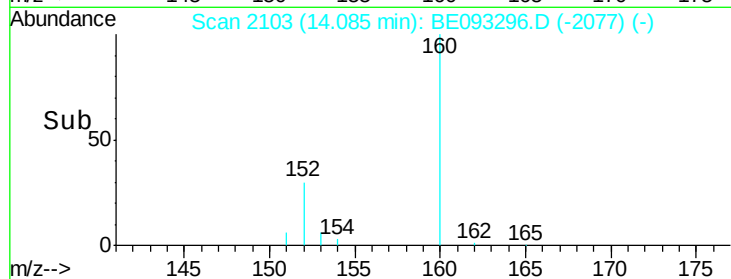
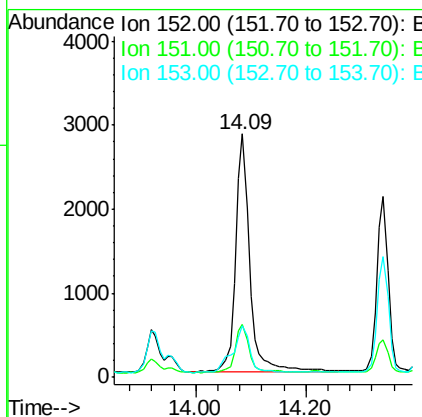
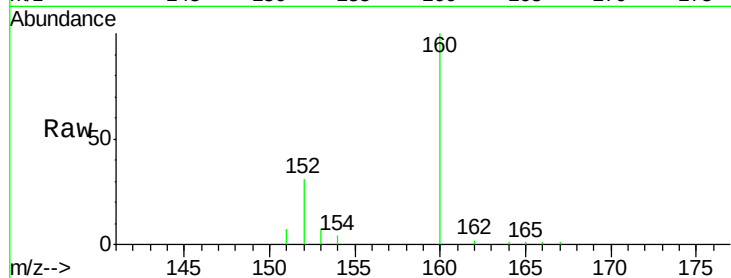
ClientSampleId :

F5A89

Tgt Ion:	152	Resp:	5028
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.1	25.7
153	21.1	12.8	19.2

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#8

Acenaphthene

Concen: 1.746 ng/ul

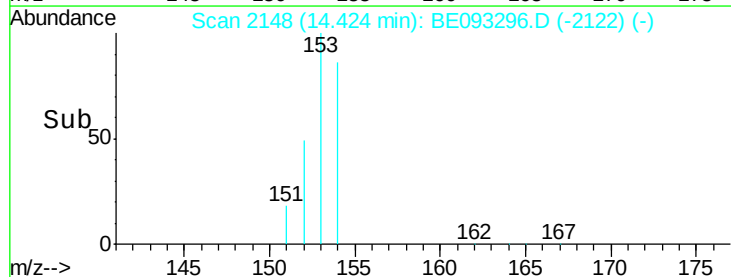
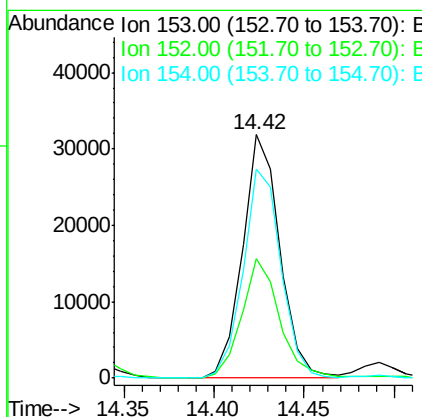
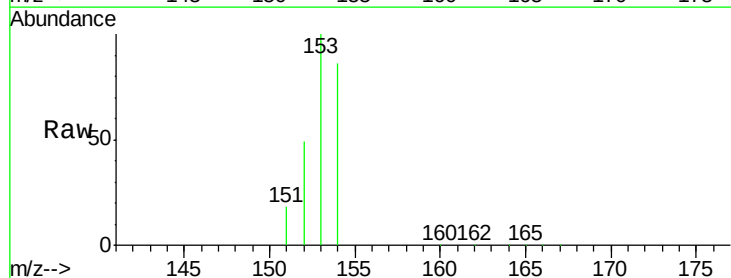
RT: 14.42 min Scan# 2148

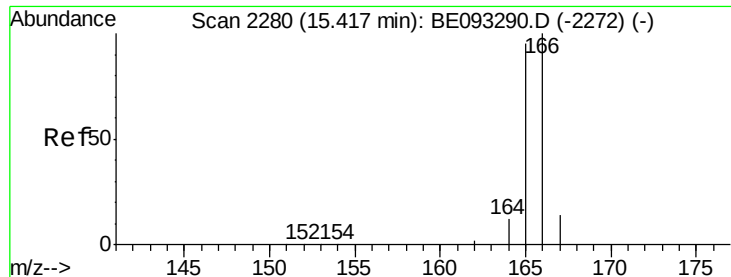
Delta R.T. -0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Tgt Ion:	153	Resp:	45819
Ion Ratio	Lower	Upper	
153	100		
152	48.9	40.3	60.5
154	86.1	71.4	107.2





#9

Fluorene

Concen: 1.866 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Instrument :

BNA_E

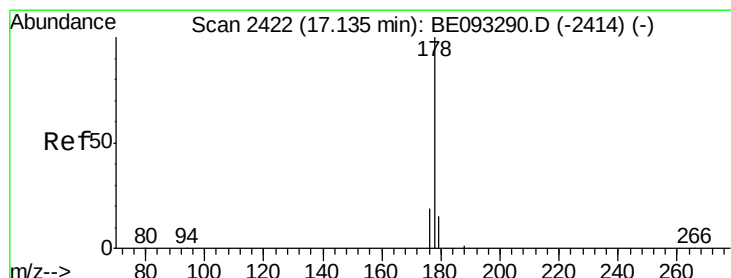
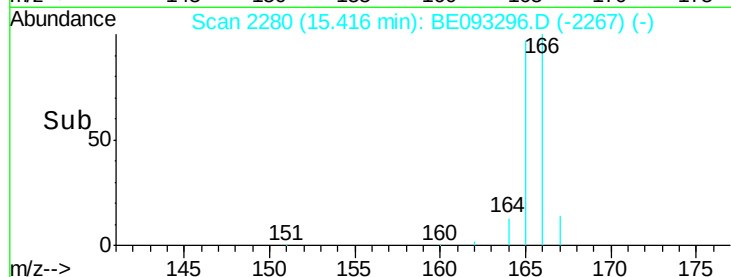
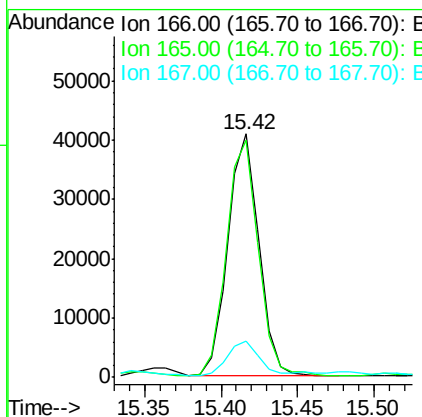
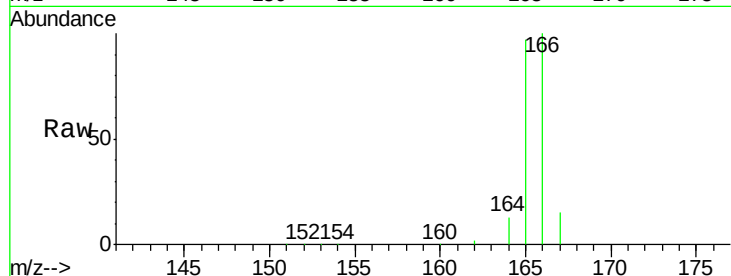
ClientSampleId :

F5A89

Tgt Ion:	166	Resp:	57416
Ion Ratio	Lower	Upper	
166	100		
165	97.5	73.4	110.2
167	14.7	14.6	22.0

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#12

Phenanthrene

Concen: 11.149 ng/ul

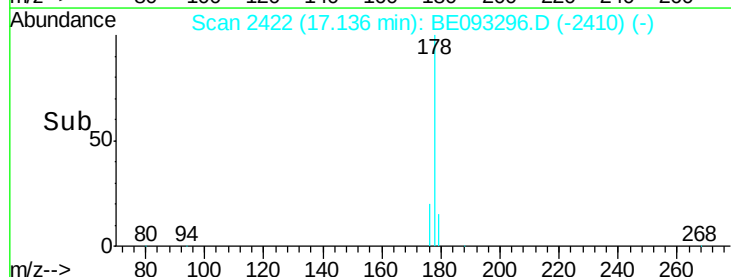
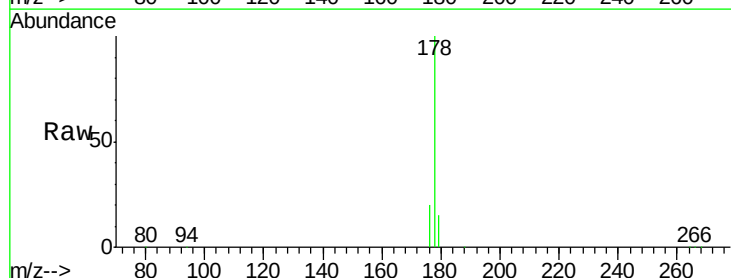
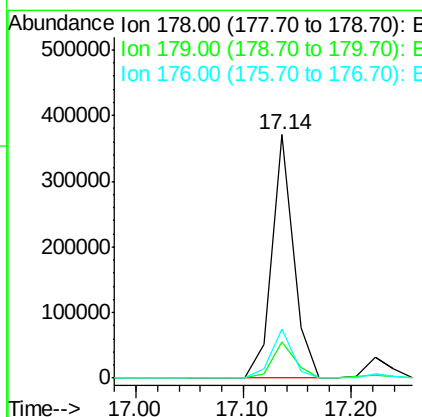
RT: 17.14 min Scan# 2422

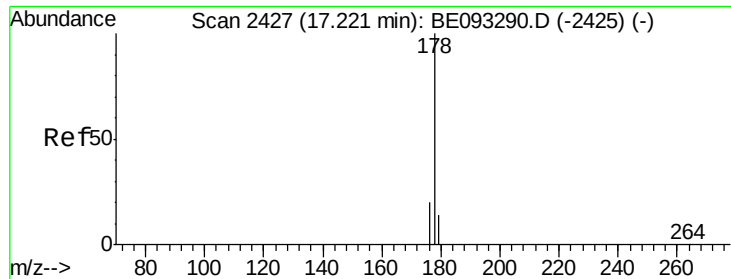
Delta R.T. 0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Tgt Ion:	178	Resp:	521671
Ion Ratio	Lower	Upper	
178	100		
179	14.8	18.4	27.6#
176	19.9	13.6	20.4





#13

Anthracene

Concen: 1.264 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Instrument :

BNA_E

ClientSampled :

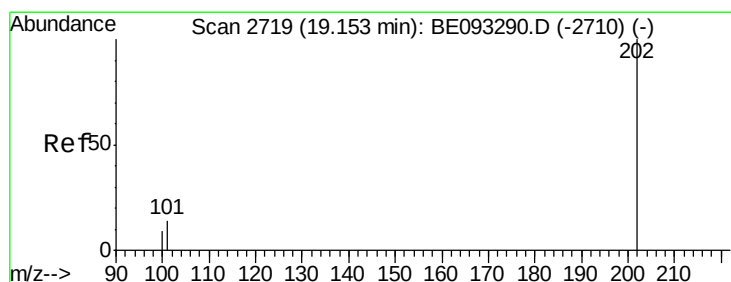
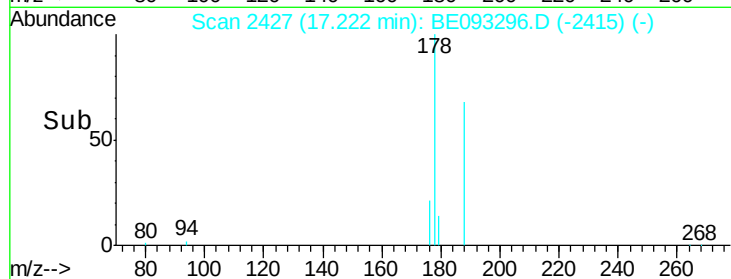
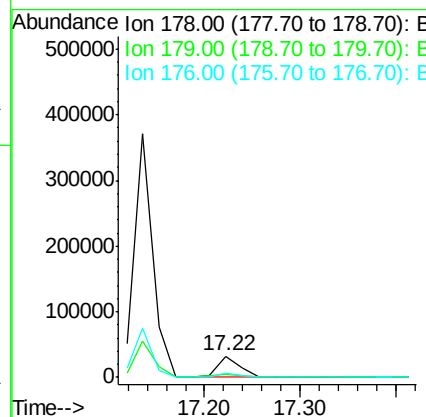
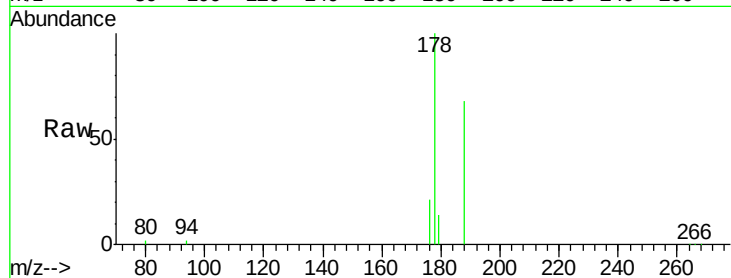
F5A89

Tgt Ion:178 Resp: 51479

Ion	Ratio	Lower	Upper
178	100		
179	14.2	18.1	27.1#
176	20.8	14.7	22.1

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#15

Fluoranthene

Concen: 5.324 ng/ul

RT: 19.15 min Scan# 2718

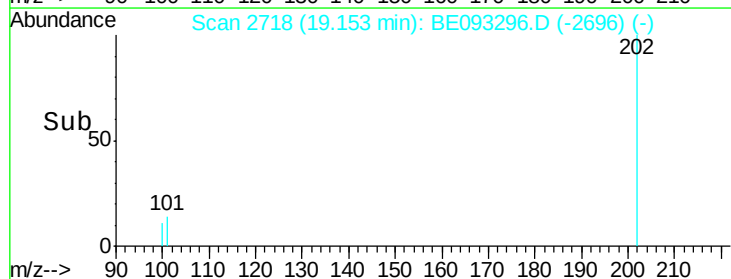
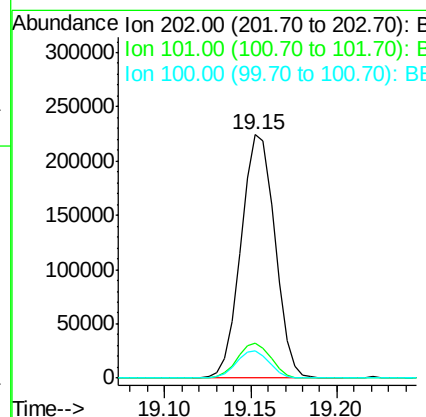
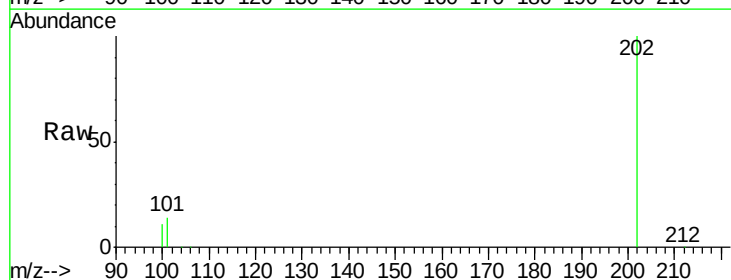
Delta R.T. -0.00 min

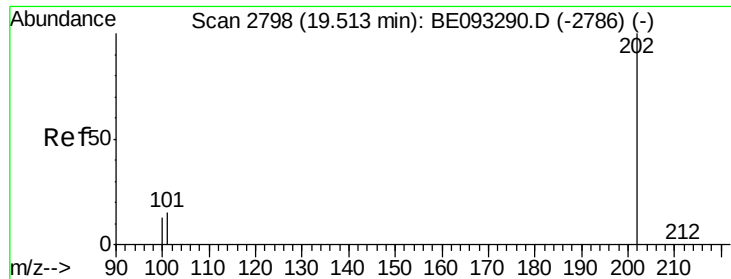
Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Tgt Ion:202 Resp: 305455

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	30.3
100	11.0	0.0	39.5





#17

Pyrene

Concen: 3.851 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Instrument :

BNA_E

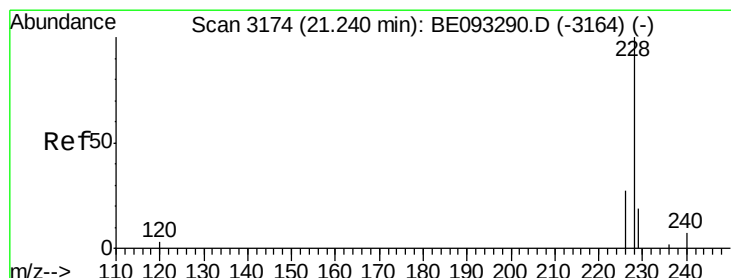
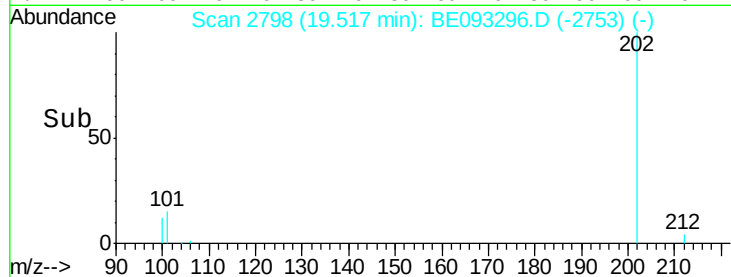
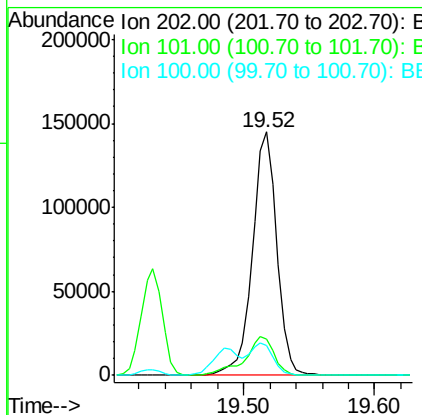
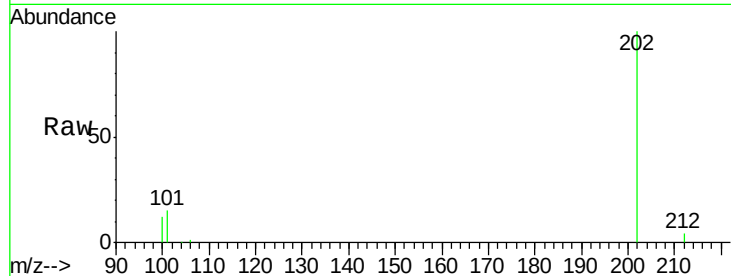
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	18.2	27.4#
100	12.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.097 ng/ul

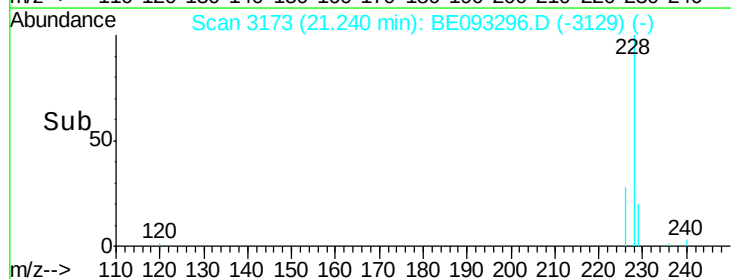
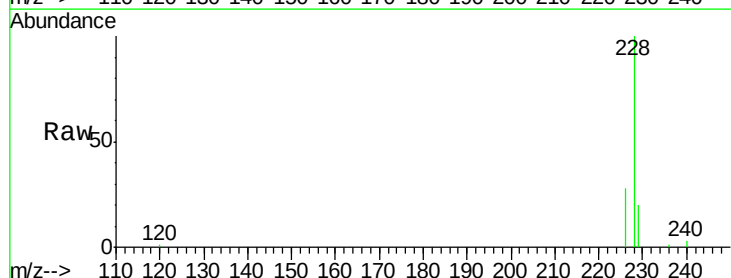
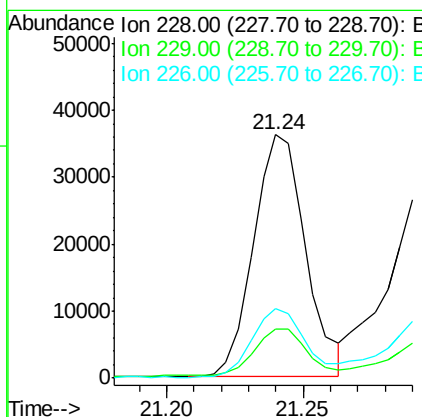
RT: 21.24 min Scan# 3173

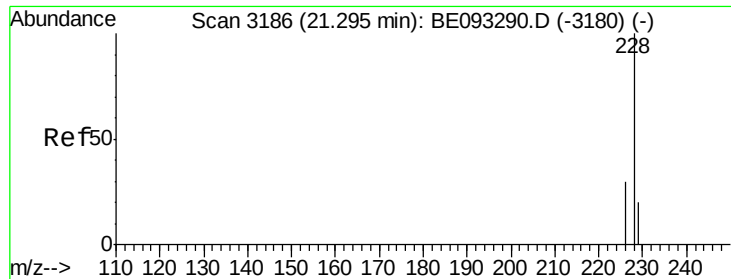
Delta R.T. -0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	22.8	34.2#
226	28.4	17.0	25.6#





#19

Chrysene

Concen: 0.917 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Instrument :

BNA_E

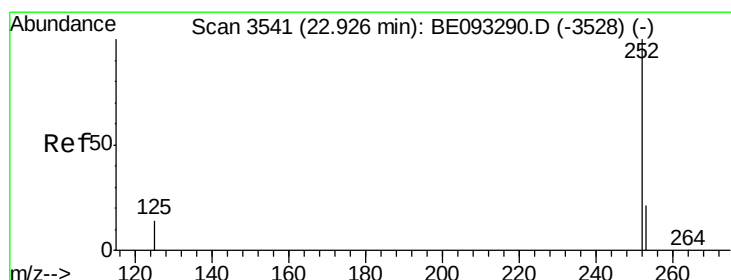
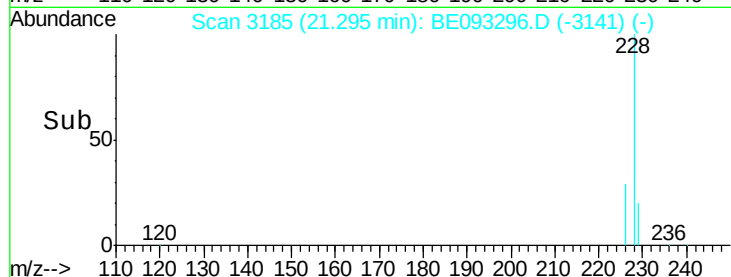
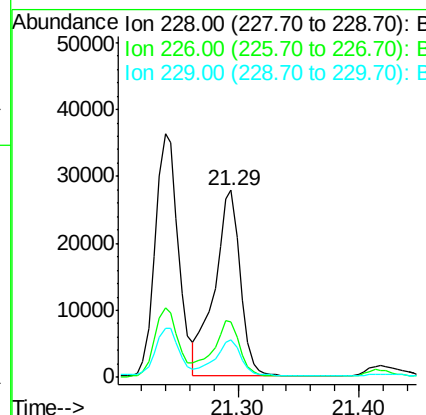
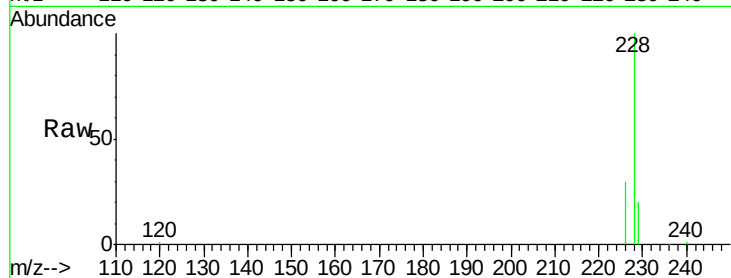
ClientSampleId :

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Tgt Ion:	228	Resp:	41637
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.0
229	20.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.598 ng/ul

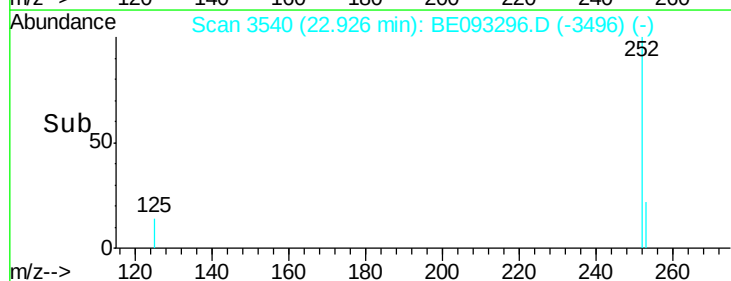
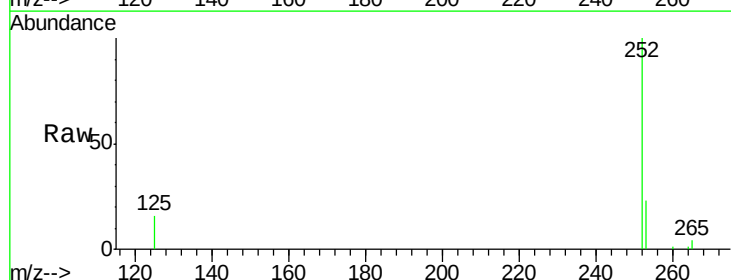
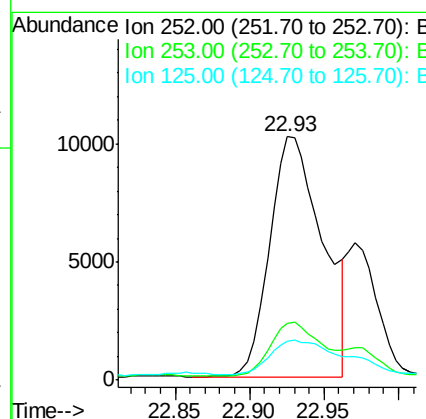
RT: 22.93 min Scan# 3540

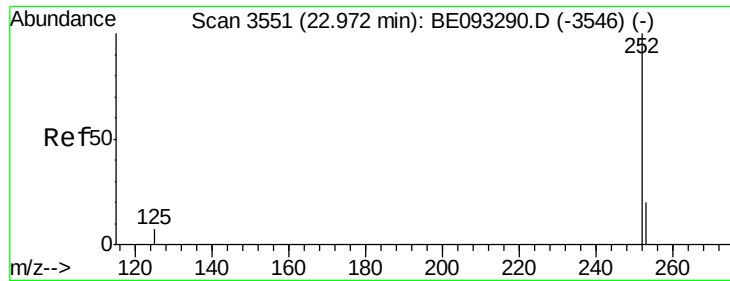
Delta R.T. -0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Tgt Ion:	252	Resp:	25054
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	16.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.210 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Instrument :

BNA_E

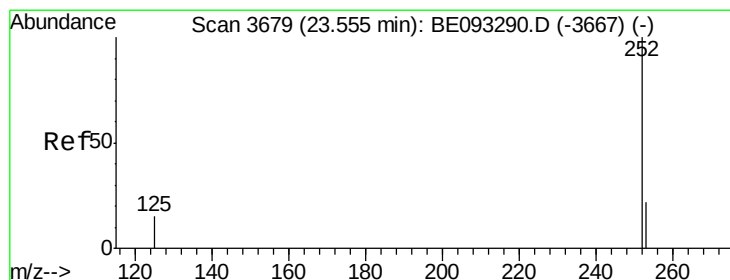
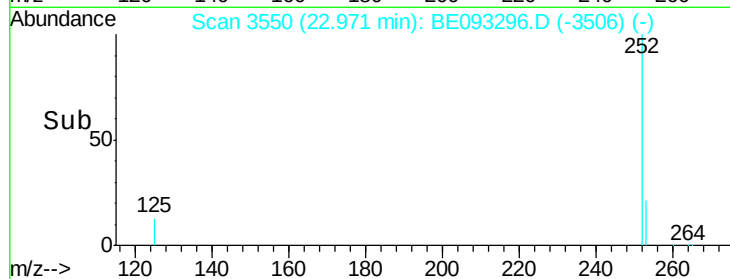
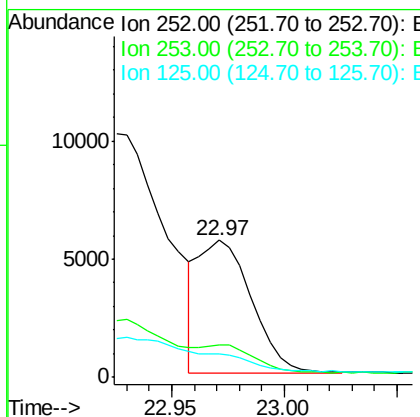
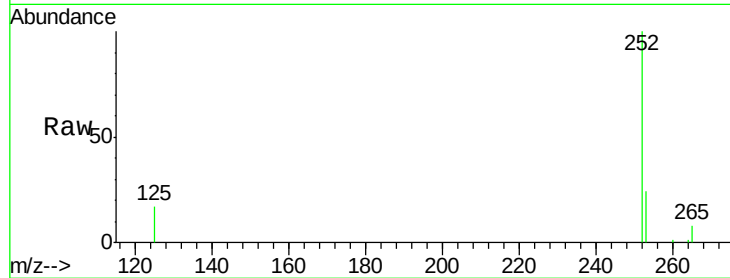
ClientSampleId :

F5A89

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	16.8	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.324 ng/ul m

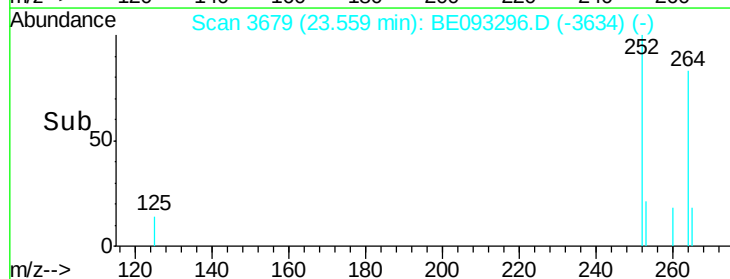
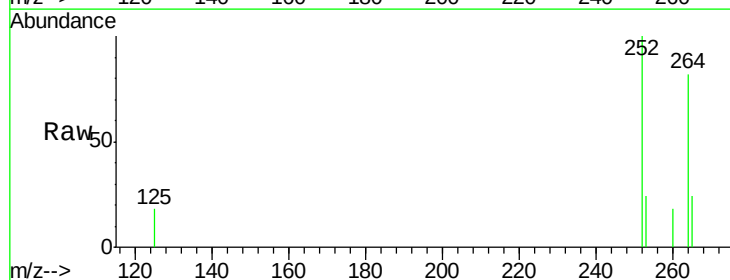
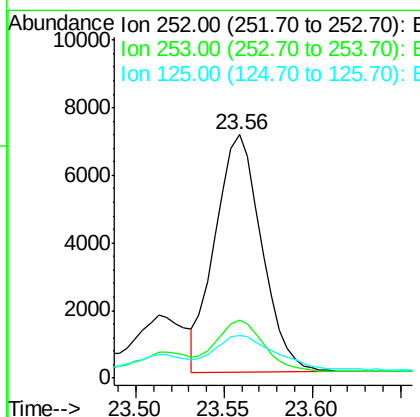
RT: 23.56 min Scan# 3679

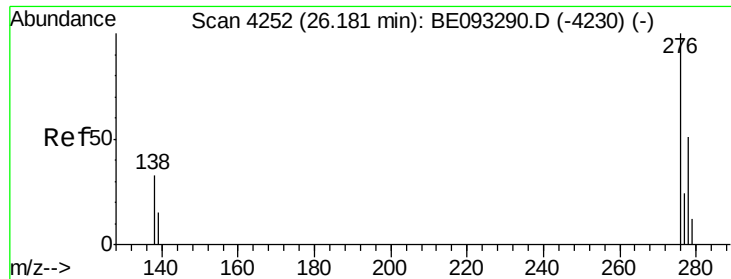
Delta R.T. 0.00 min

Lab File: BE093296.D

Acq: 21 Jun 2017 00:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	28.5	42.7#
125	17.7	18.1	27.1#





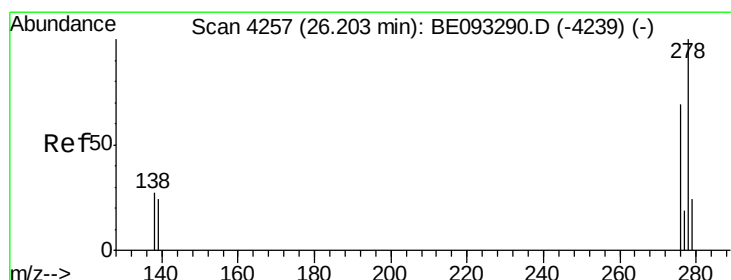
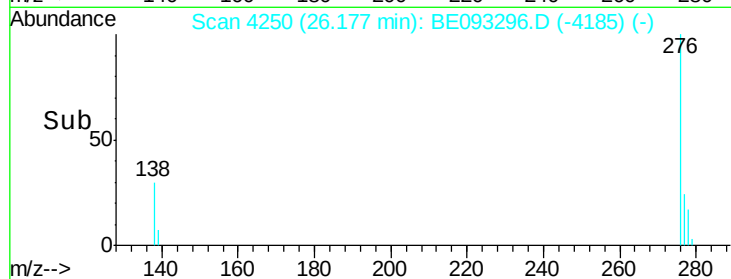
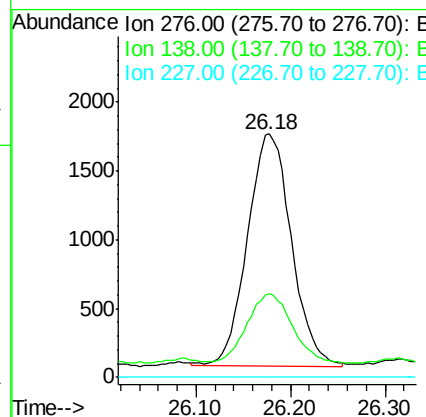
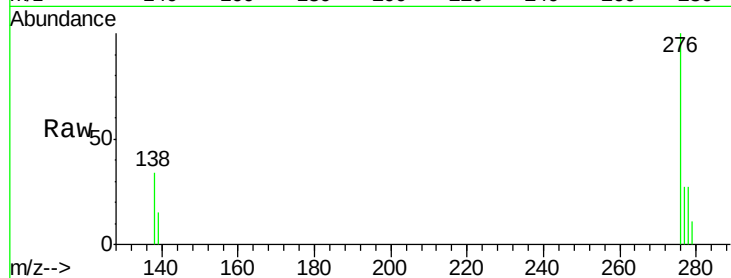
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.119 ng/ul m
 RT: 26.18 min Scan# 4250
 Delta R.T. -0.00 min
 Lab File: BE093296.D
 Acq: 21 Jun 2017 00:05

Instrument :
 BNA_E
 ClientSampleId :
 F5A89

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	5461		
138	3.1	28.0	42.0#	
227	0.0	8.0	12.0#	

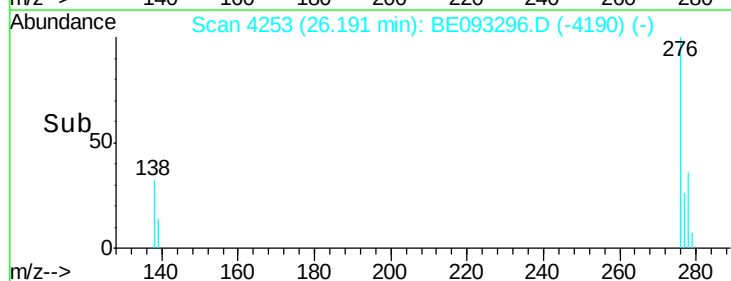
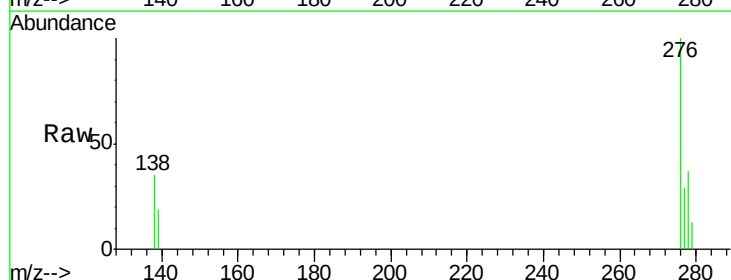
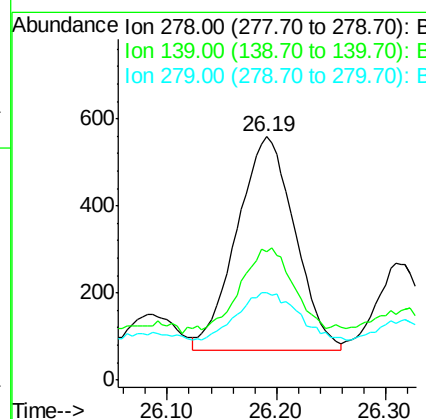
Manual Integrations
 APPROVED

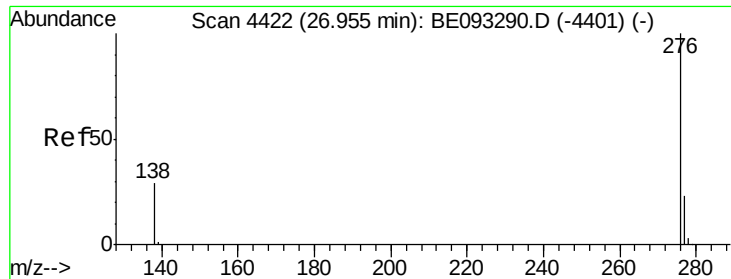
mohammad
 6/21/2017 12:19:05 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.047 ng/ul m
 RT: 26.19 min Scan# 4253
 Delta R.T. -0.01 min
 Lab File: BE093296.D
 Acq: 21 Jun 2017 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	1818		
139	52.6	17.4	26.0#	
279	36.0	25.9	38.9	





#26

Benzo(g,h,i)perylene

Concen: 0.109 ng/ul

RT: 26.95 min Scan# 4420

Delta R.T. -0.00 min

Lab File: BE093296.D

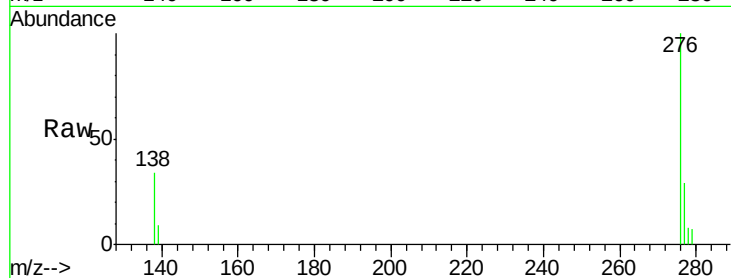
Acq: 21 Jun 2017 00:05

Instrument :

BNA_E

ClientSampleId :

F5A89



Tgt Ion: 276 Resp: 4286

Ion Ratio Lower Upper

276 100

138 34.1 21.8 32.8#

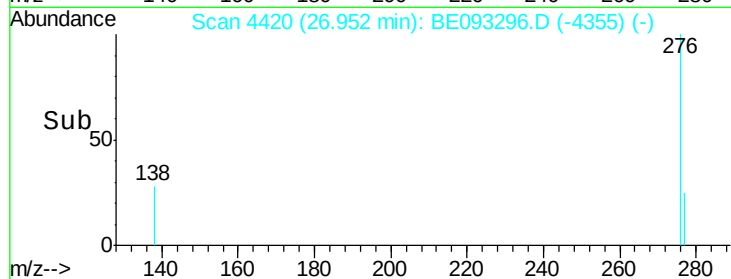
277 28.7 20.5 30.7

Manual Integrations

APPROVED

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6/21/2017 12:19:05 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

