

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093298.D
 Acq On : 21 Jun 2017 1:20
 Operator : SJ/JU
 Sample : I3627-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A99

Manual Integrations
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mohammad
 6/21/2017 12:19:11 PM

Quant Time: Jun 21 04:10:15 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 21 03:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1717	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8955	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5706	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13645	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13501	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10516m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3526	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	10367	0.28	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	2535	0.114	ng/ul#	96
5) 2-Methylnaphthalene	12.18	142	1306	0.086	ng/ul	99
7) Acenaphthylene	14.09	152	6201	0.253	ng/ul	98
8) Acenaphthene	14.42	153	708	0.036	ng/ul	96
9) Fluorene	15.42	166	4883	0.211	ng/ul	95
12) Phenanthrene	17.14	178	17760	0.473	ng/ul#	89
13) Anthracene	17.22	178	99648	3.048	ng/ul#	89
15) Fluoranthene	19.15	202	48261	1.048	ng/ul	84
17) Pyrene	19.51	202	50280	1.263	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	26380	0.733	ng/ul#	85
19) Chrysene	21.29	228	30348	0.812	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	38179	1.196	ng/ul	89
22) Benzo(k)fluoranthene	22.97	252	13653m	0.403	ng/ul	
23) Benzo(a)pyrene	23.55	252	20108m	0.666	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	13103m	0.375	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	3460m	0.118	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	9235	0.308	ng/ul#	94

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

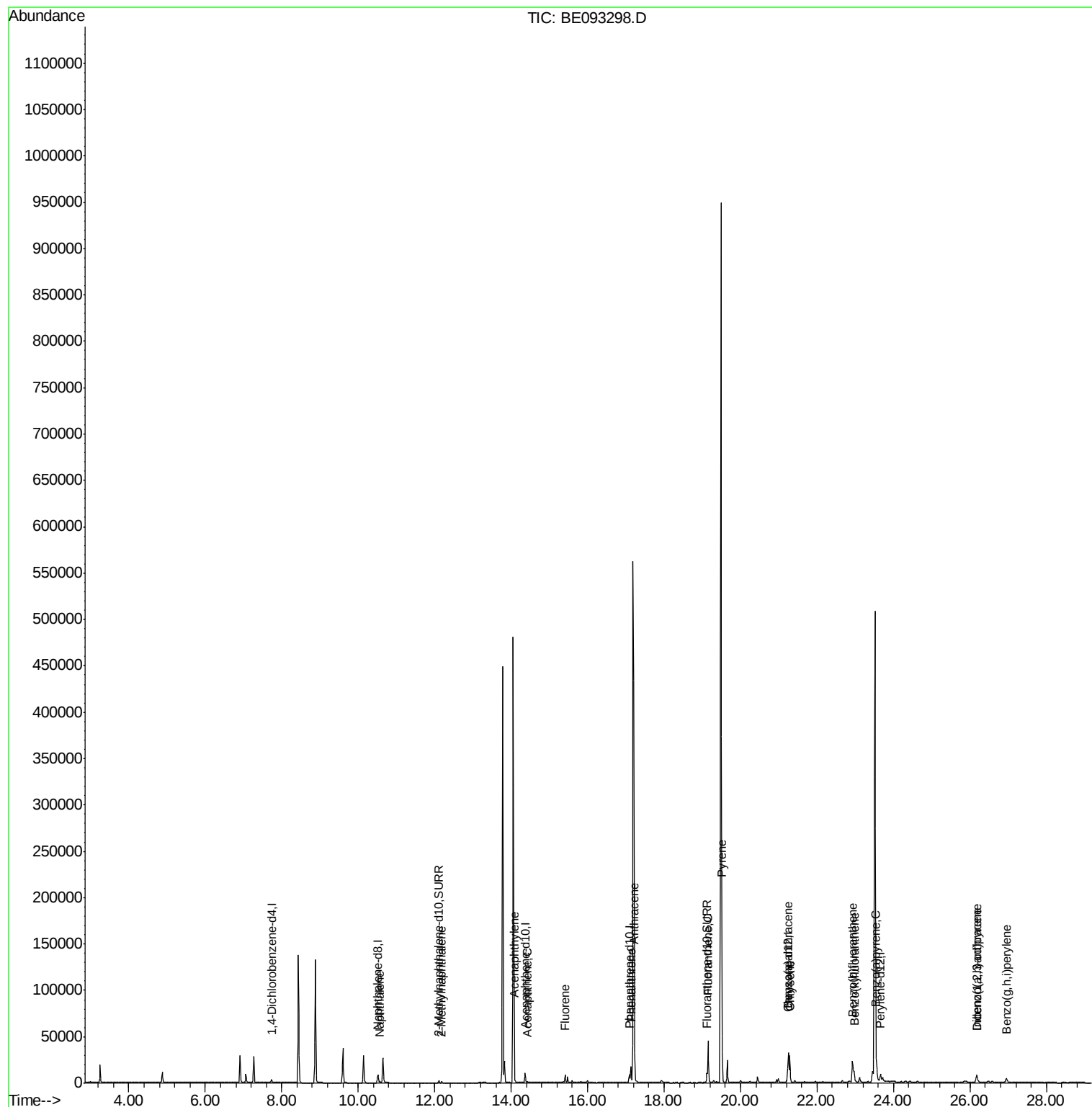
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
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QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.114 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

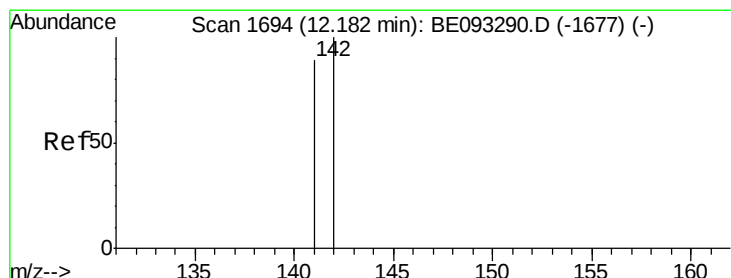
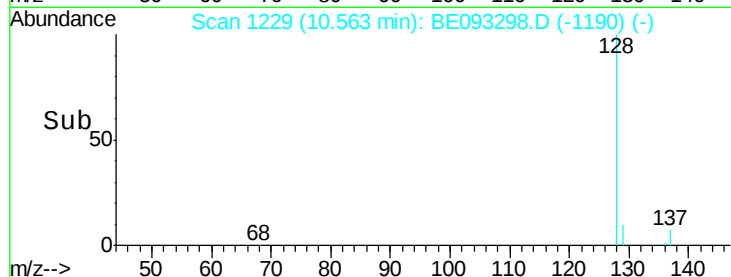
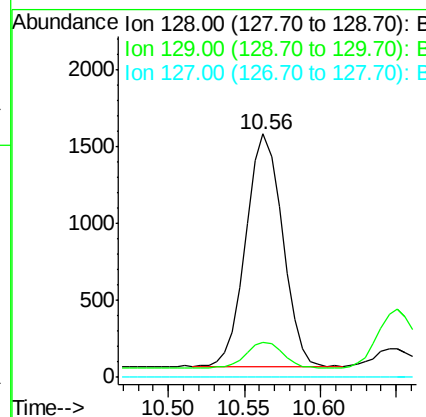
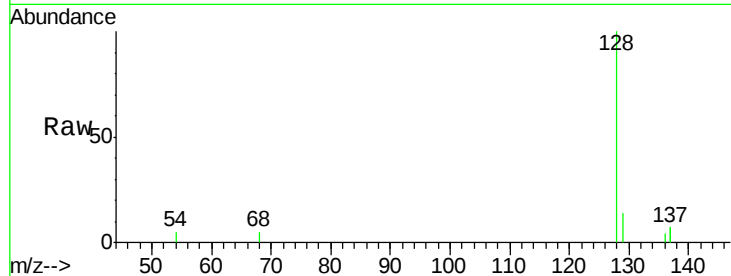
ClientSampleId :

F5A99

Tgt Ion:	128	Resp:	2535
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: 0.086 ng/ul

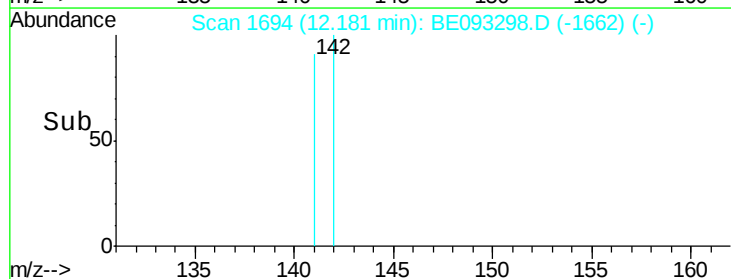
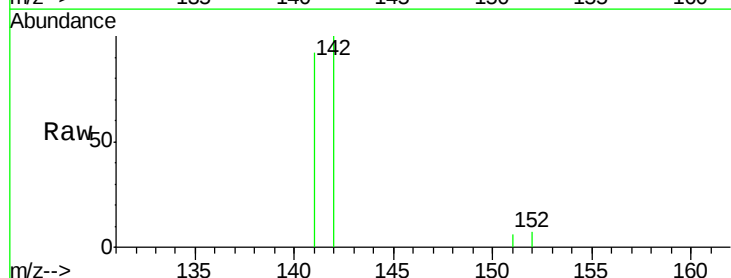
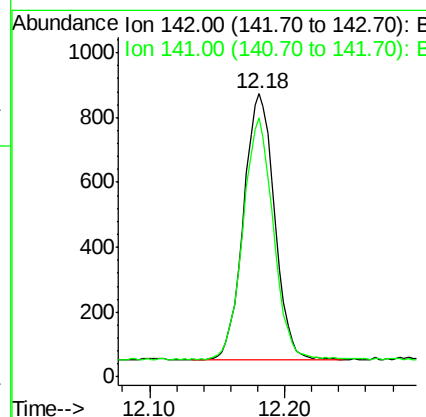
RT: 12.18 min Scan# 1694

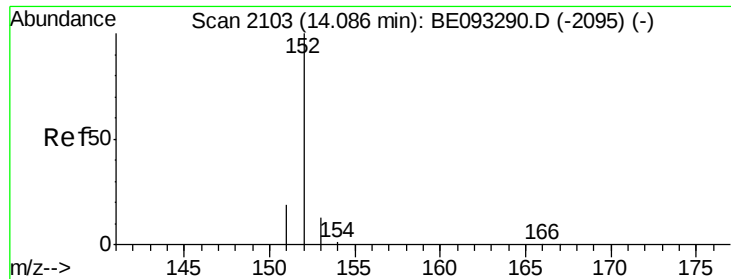
Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Tgt Ion:	142	Resp:	1306
Ion Ratio	Lower	Upper	
142	100		
141	90.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.253 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

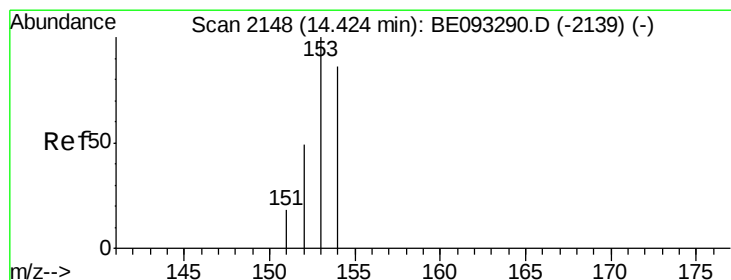
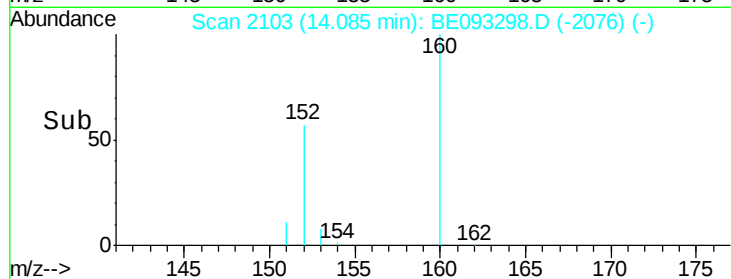
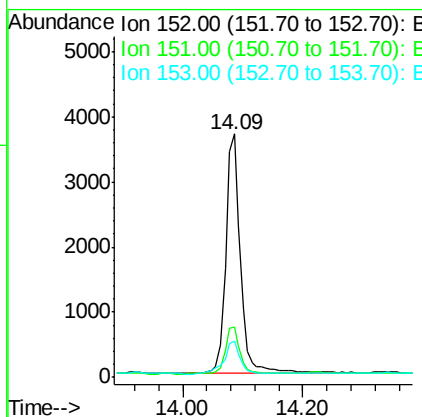
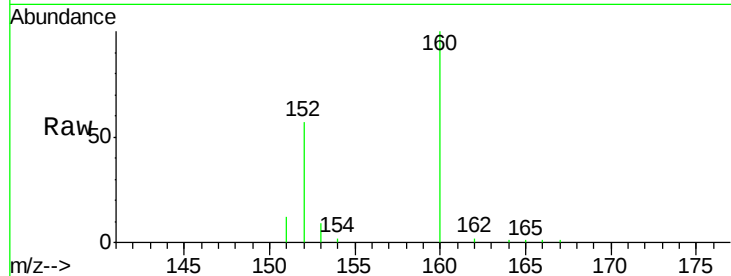
ClientSampleId :

F5A99

Tgt Ion:	152	Resp:	6201
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.1	25.7
153	14.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.036 ng/ul

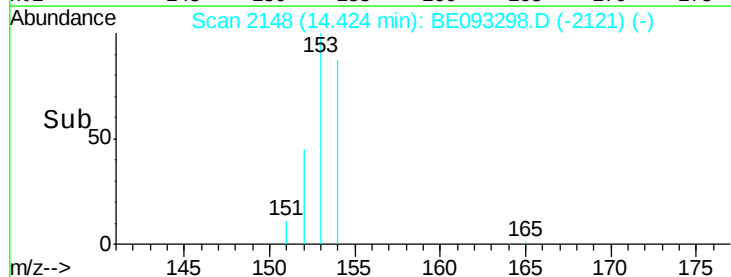
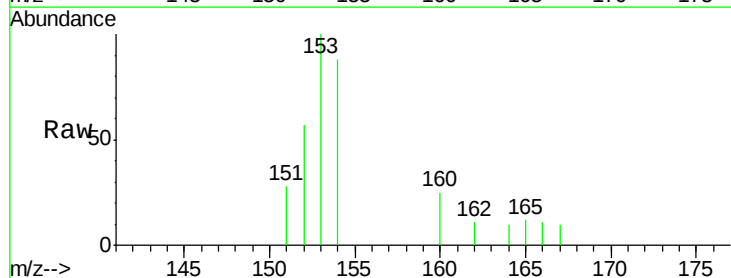
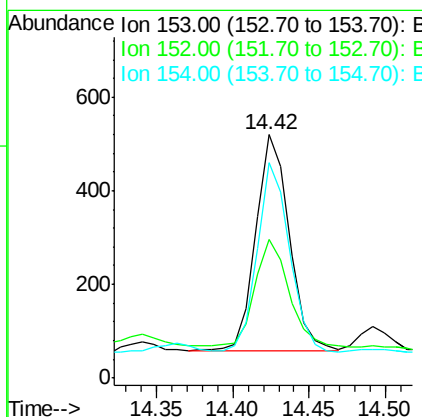
RT: 14.42 min Scan# 2148

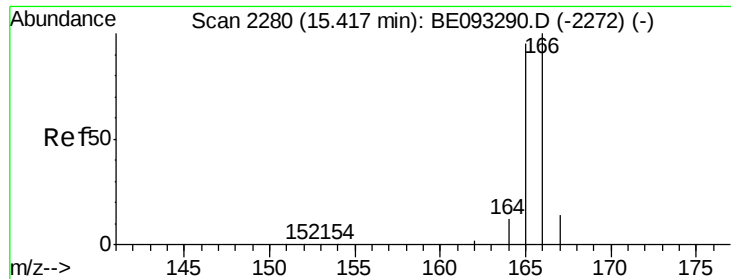
Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Tgt Ion:	153	Resp:	708
Ion Ratio	Lower	Upper	
153	100		
152	56.9	40.3	60.5
154	88.5	71.4	107.2





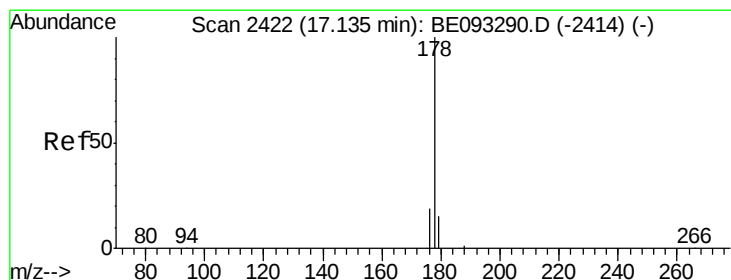
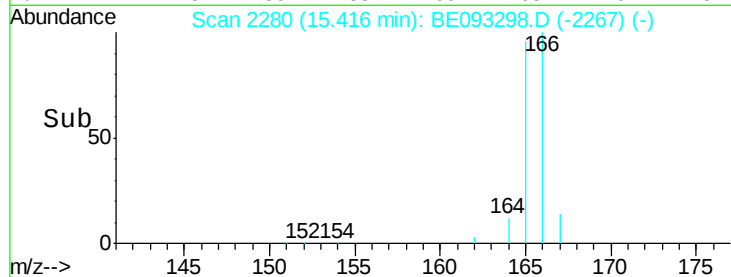
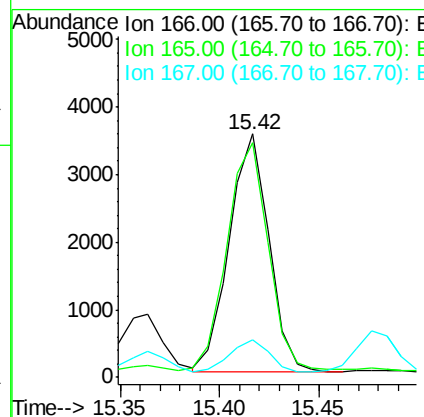
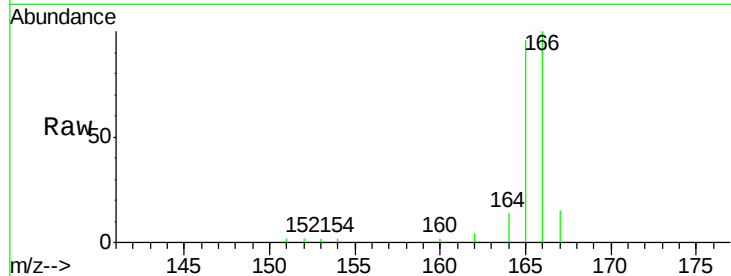
#9
Fluorene
 Concen: 0.211 ng/ul
 RT: 15.42 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE093298.D
 Acq: 21 Jun 2017 1:20

Instrument :
 BNA_E
 ClientSampleId :
 F5A99

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	73.4	110.2
167	15.4	14.6	22.0

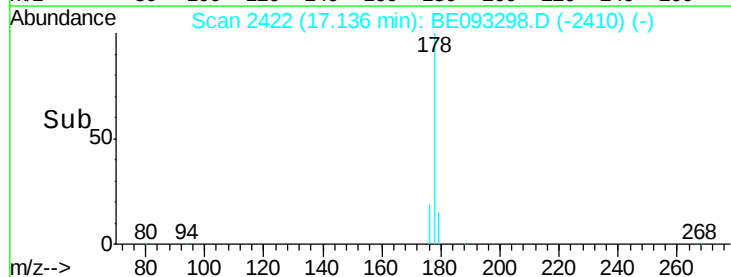
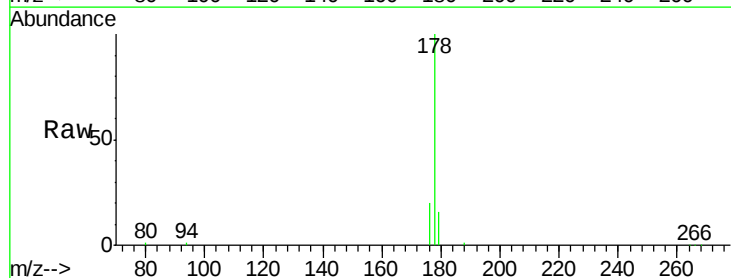
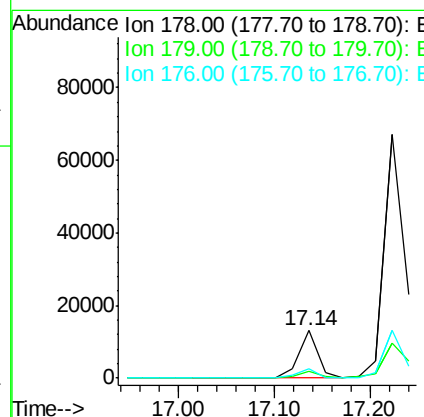
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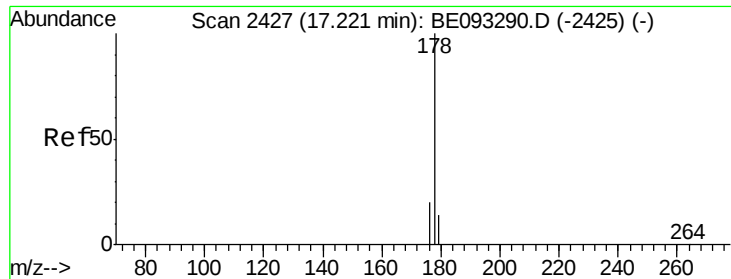
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#12
Phenanthrene
 Concen: 0.473 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BE093298.D
 Acq: 21 Jun 2017 1:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.5	13.6	20.4





#13

Anthracene

Concen: 3.048 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

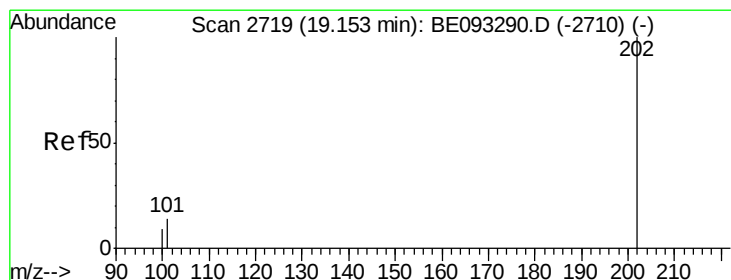
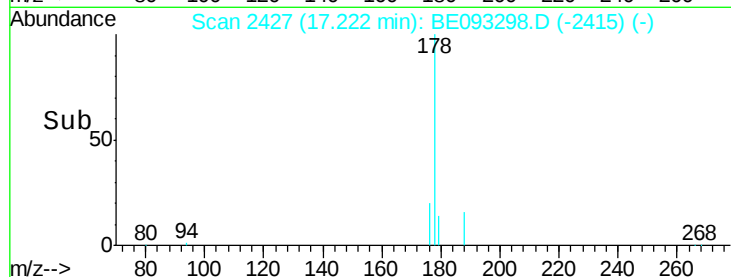
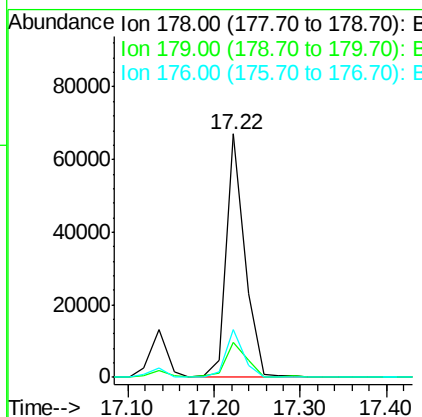
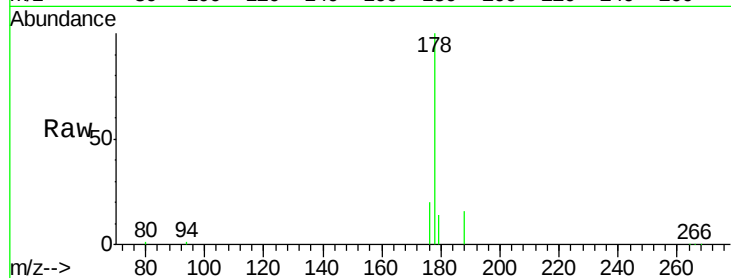
ClientSampleId :

F5A99

Tgt Ion:	178	Resp:	99648
Ion Ratio	Lower	Upper	
178	100		
179	14.3	18.1	27.1#
176	19.8	14.7	22.1

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#15

Fluoranthene

Concen: 1.048 ng/ul

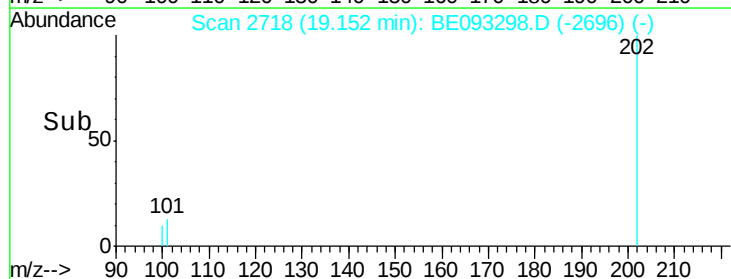
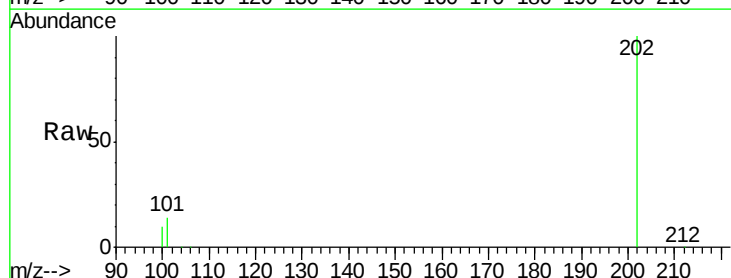
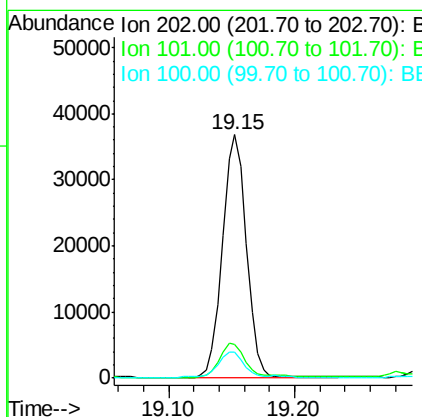
RT: 19.15 min Scan# 2718

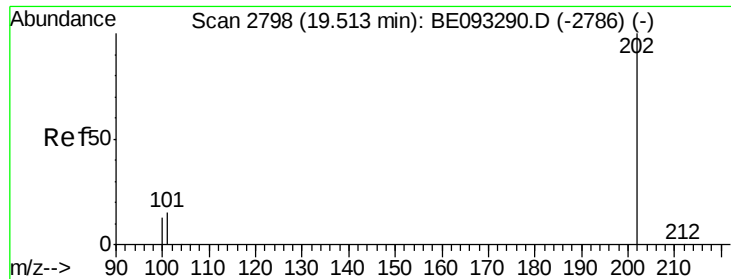
Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Tgt Ion:	202	Resp:	48261
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	30.3
100	10.4	0.0	39.5





#17

Pyrene

Concen: 1.263 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

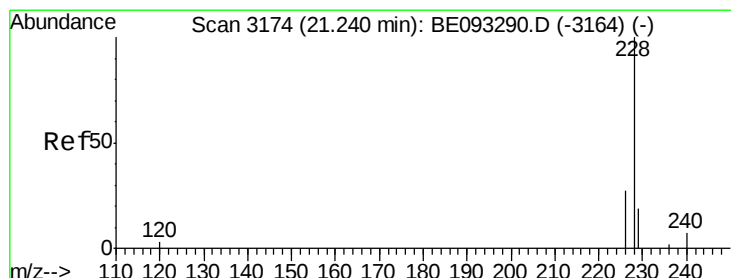
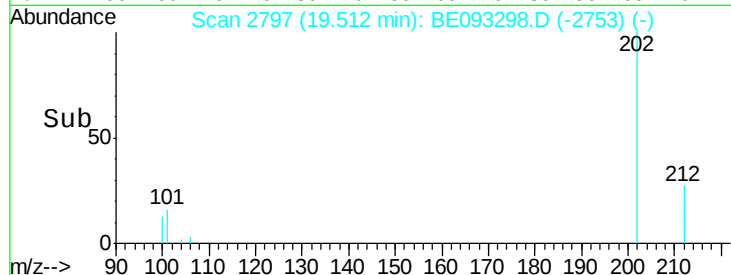
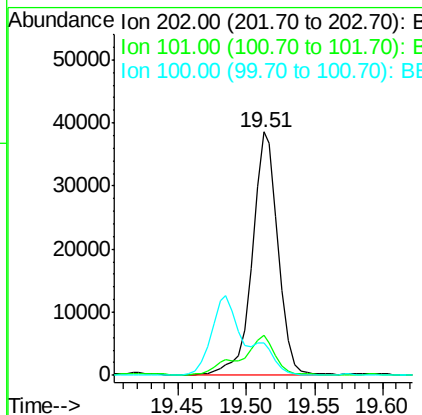
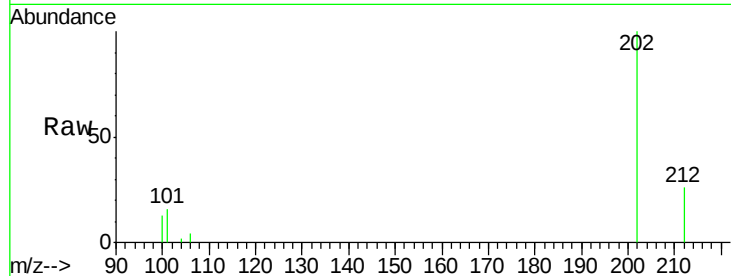
ClientSampled :

F5A99

Tgt Ion:	202	Resp:	50280
Ion Ratio	Lower	Upper	
202	100		
101	16.3	18.2	27.4#
100	13.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.733 ng/ul

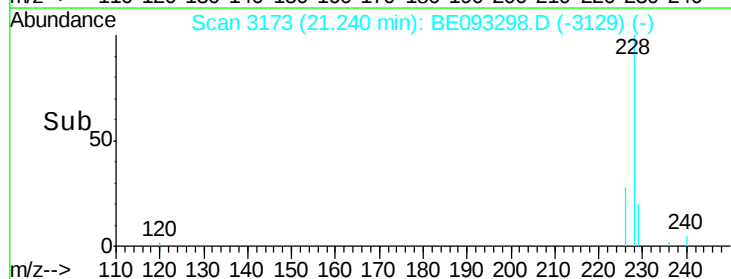
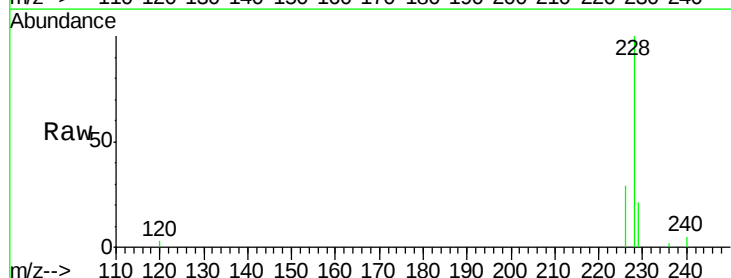
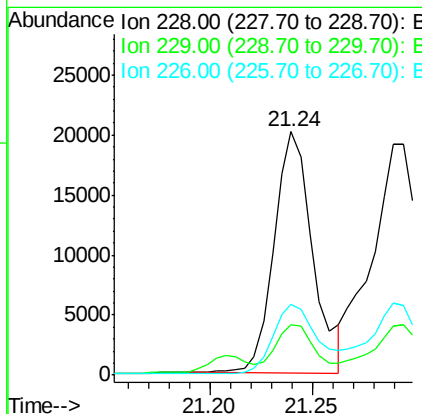
RT: 21.24 min Scan# 3173

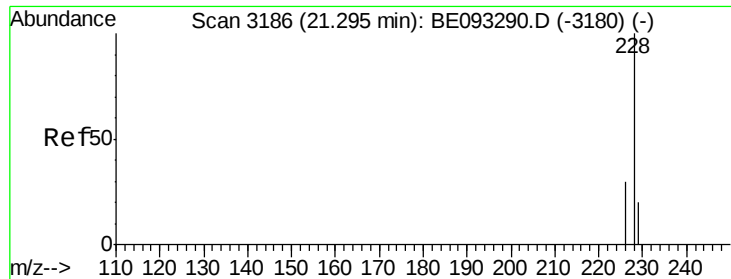
Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Tgt Ion:	228	Resp:	26380
Ion Ratio	Lower	Upper	
228	100		
229	20.9	22.8	34.2#
226	29.0	17.0	25.6#





#19

Chrysene

Concen: 0.812 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

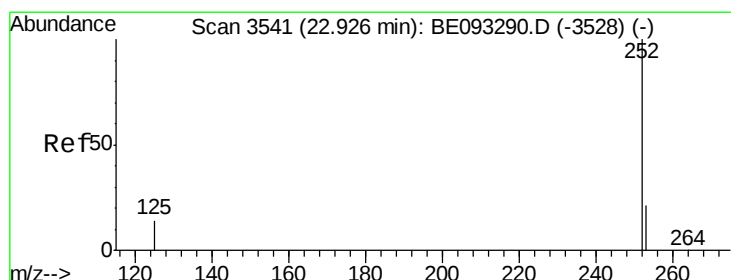
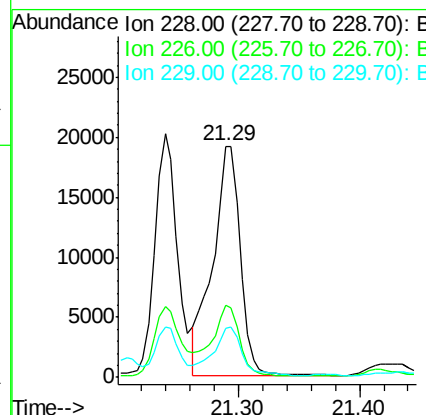
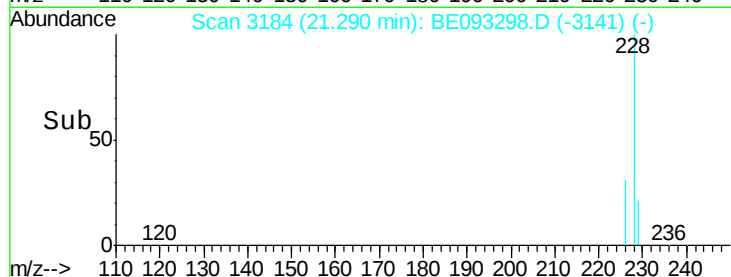
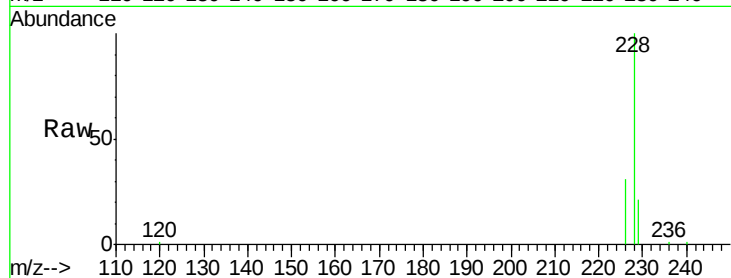
ClientSampleId :

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Tgt Ion:	228	Resp:	30348
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.4	35.0
229	21.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.196 ng/ul

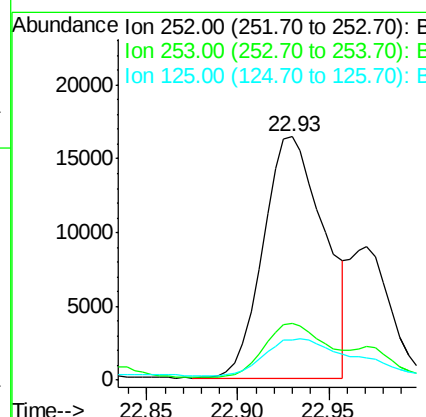
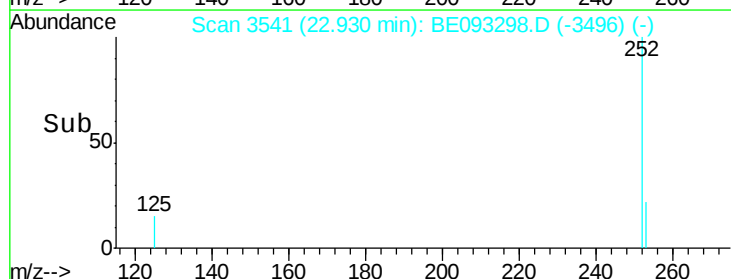
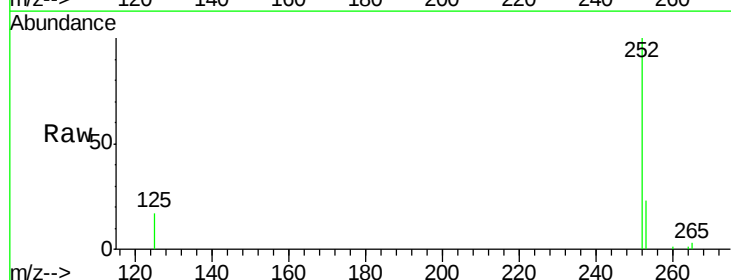
RT: 22.93 min Scan# 3541

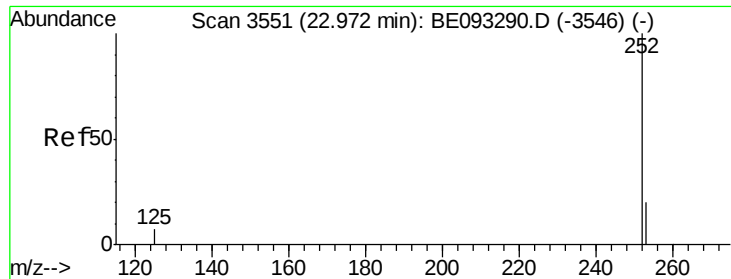
Delta R.T. 0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Tgt Ion:	252	Resp:	38179
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	16.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.403 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

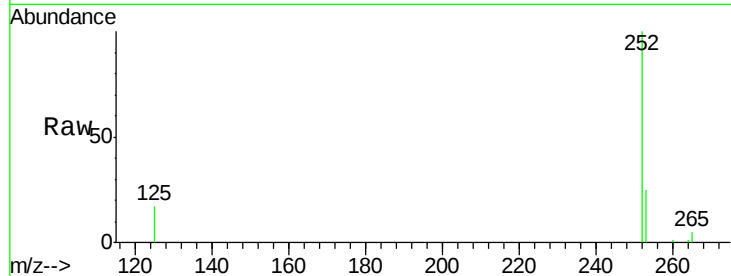
ClientSampleId :

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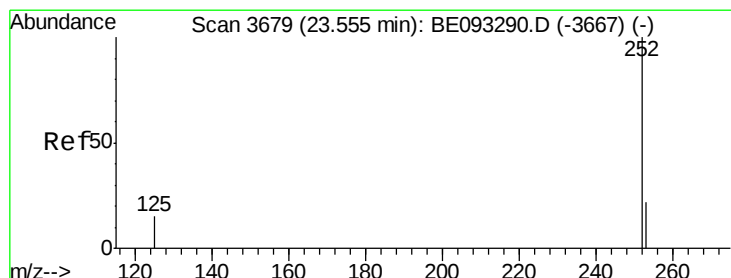
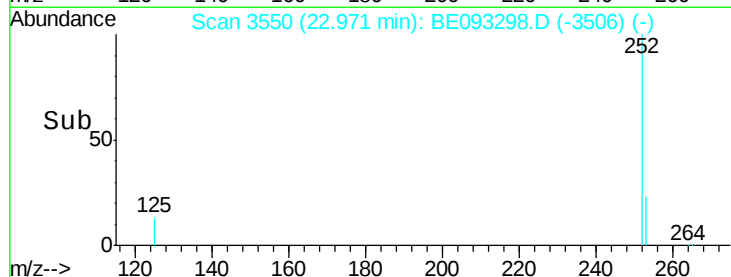
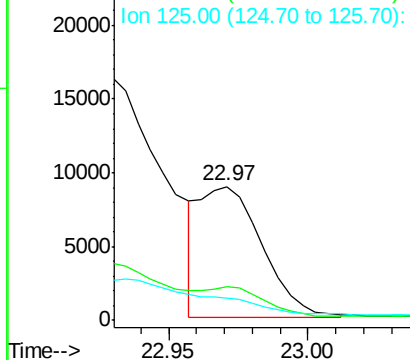
Tgt Ion:	252	Resp:	13653
Ion Ratio	Lower	Upper	
252	100		
253	24.9	24.5	36.7
125	16.5	13.7	20.5

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.666 ng/ul m

RT: 23.55 min Scan# 3678

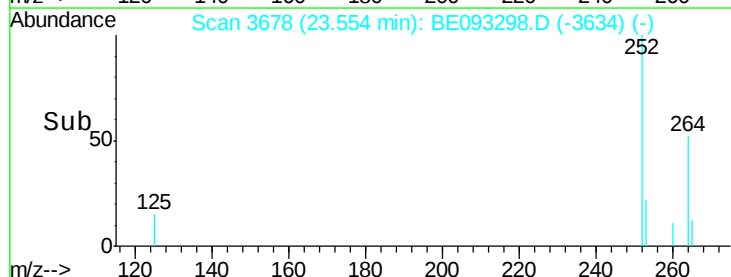
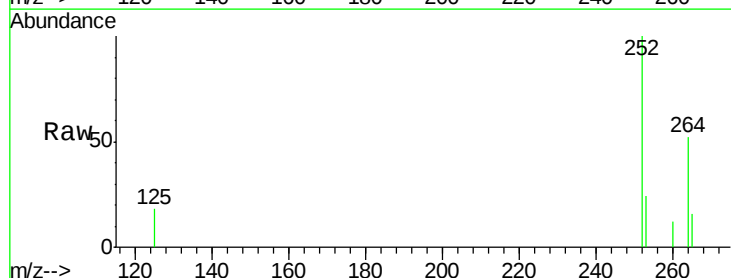
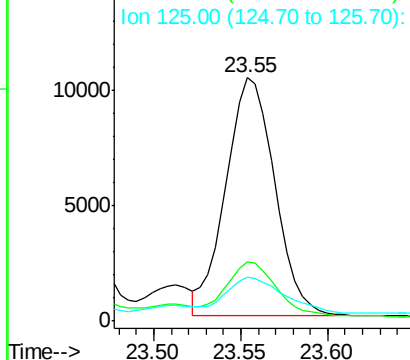
Delta R.T. -0.00 min

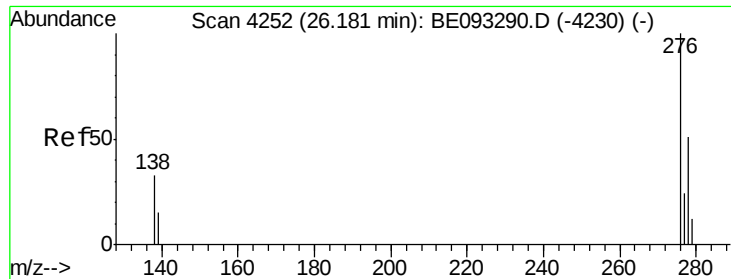
Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Tgt Ion:	252	Resp:	20108
Ion Ratio	Lower	Upper	
252	100		
253	24.3	28.5	42.7#
125	17.8	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





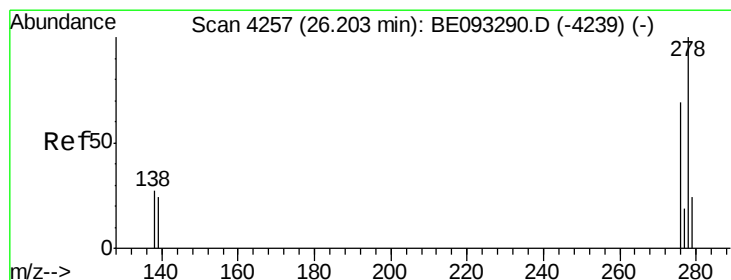
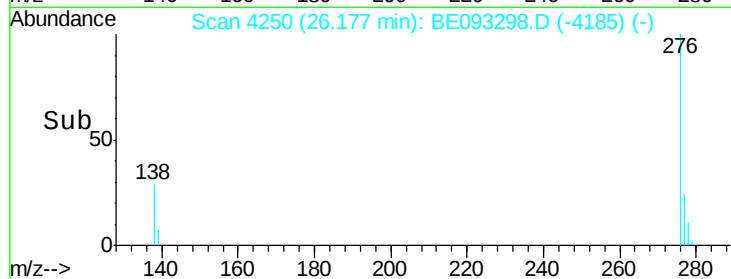
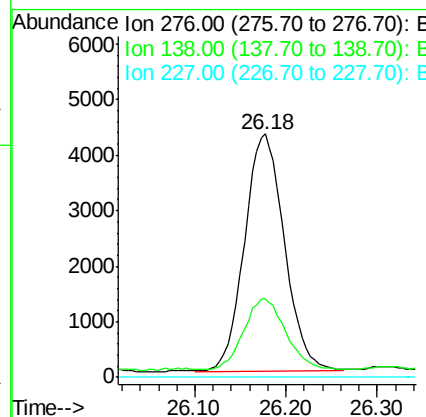
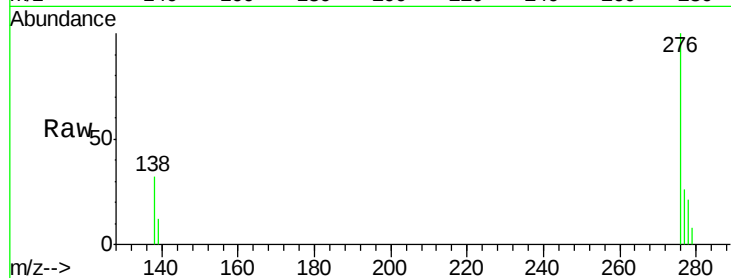
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.375 ng/ul m
 RT: 26.18 min Scan# 4250
 Delta R.T. -0.00 min
 Lab File: BE093298.D
 Acq: 21 Jun 2017 1:20

Instrument :
 BNA_E
 ClientSampleId :
 F5A99

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

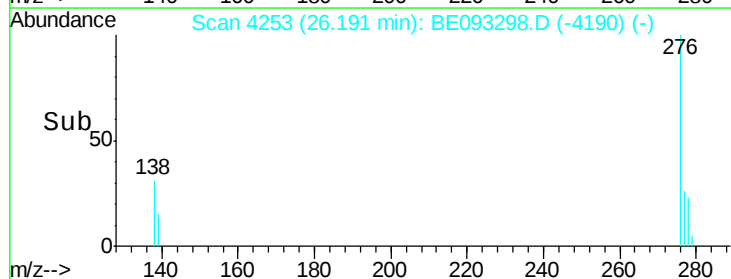
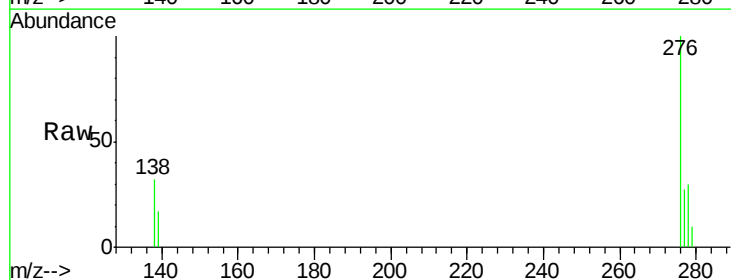
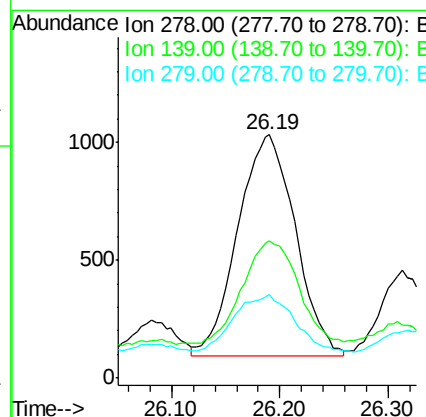
Manual Integrations
 APPROVED

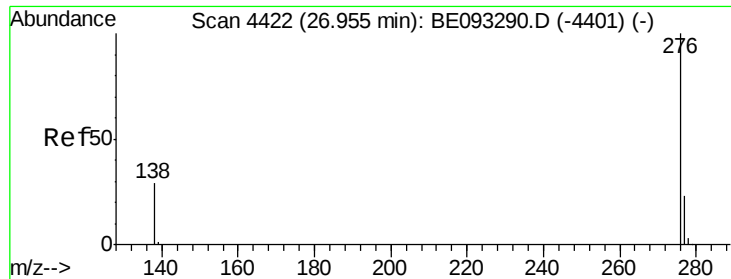
mohammad
 6/21/2017 12:19:11 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.118 ng/ul m
 RT: 26.19 min Scan# 4253
 Delta R.T. -0.01 min
 Lab File: BE093298.D
 Acq: 21 Jun 2017 1:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	56.3	17.4	26.0#
279	34.1	25.9	38.9





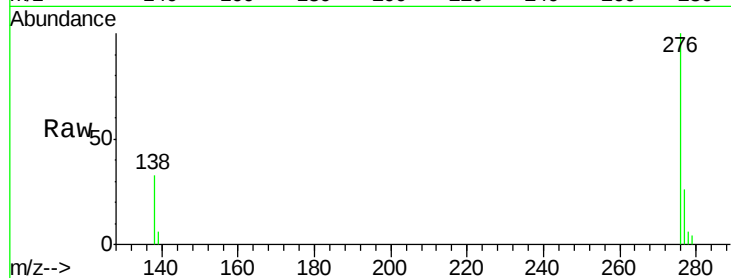
#26
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. -0.00 min
Lab File: BE093298.D
Acq: 21 Jun 2017 1:20

Instrument :
BNA_E
ClientSampleId :
F5A99

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	21.8	32.8#
277	25.5	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:11 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

