

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
 Data File : BE093322.D
 Acq On : 21 Jun 2017 19:11
 Operator : SJ/JU
 Sample : I3627-02DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A08DL

Manual Integrations
 APPROVED

mohammad
 6/22/2017 11:49:15 AM

Quant Time: Jun 22 03:46:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 02:10:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1676	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9304	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5701	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14151	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	15468	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	14598	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	819	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	2166	0.06	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.56	128	1001	0.04	ng/ul#	88
5) 2-Methylnaphthalene	12.18	142	248	0.02	ng/ul	96
7) Acenaphthylene	14.08	152	2973	0.12	ng/ul	98
8) Acenaphthene	14.42	153	750	0.04	ng/ul	97
9) Fluorene	15.41	166	1254	0.05	ng/ul	93
12) Phenanthrene	17.14	178	12879	0.33	ng/ul#	91
13) Anthracene	17.22	178	4348	0.13	ng/ul#	93
15) Fluoranthene	19.15	202	32140	0.67	ng/ul	84
17) Pyrene	19.51	202	40874	0.90	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	20924	0.51	ng/ul#	86
19) Chrysene	21.29	228	26167	0.61	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	36485m	0.82	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	14381m	0.31	ng/ul	
23) Benzo(a)pyrene	23.55	252	20530	0.49	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.18	276	12515	0.26	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.19	278	3347	0.08	ng/ul#	81
26) Benzo(a,h,i)perylene	26.95	276	9012	0.22	ng/ul	96

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

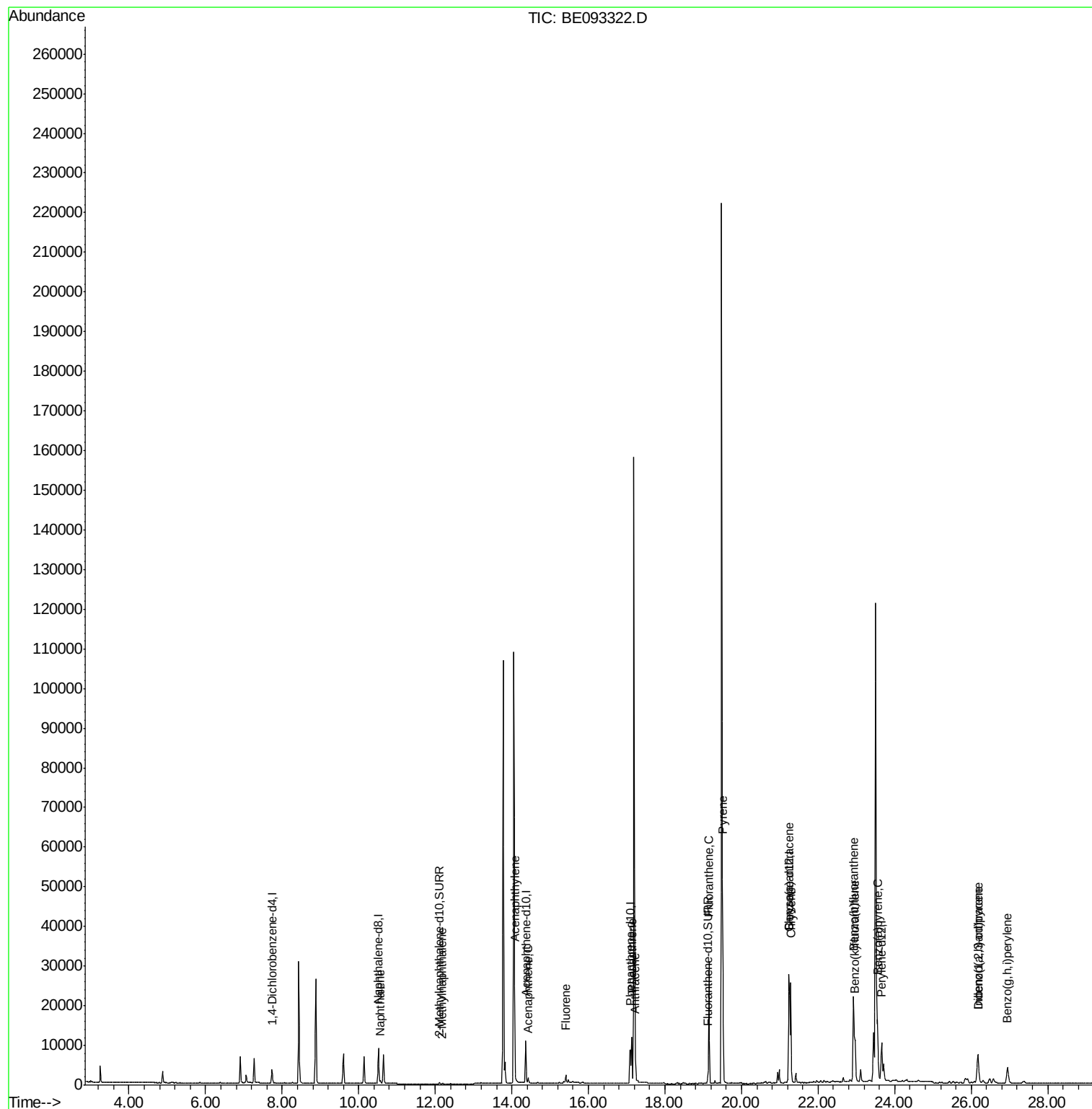
Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
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ALS Vial : 16 Sample Multiplier: 1

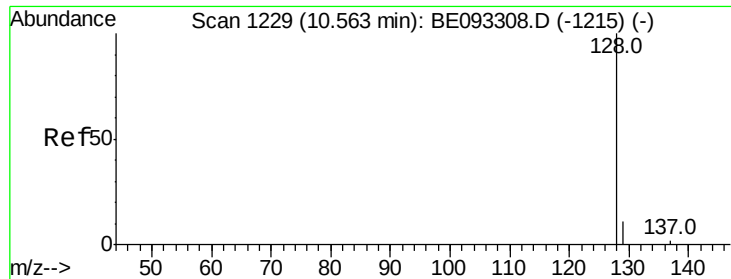
Instrument :
BNA_E
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F5A08DL

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093322.D

Acq: 21 Jun 2017 19:11

Instrument :

BNA_E

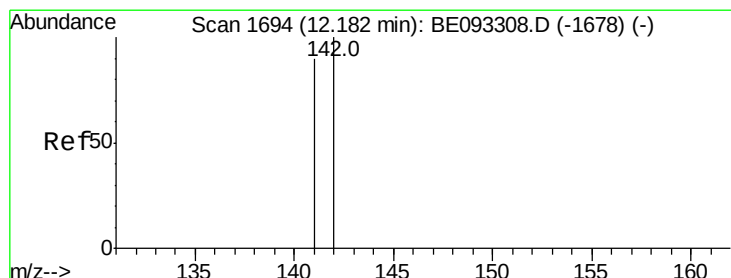
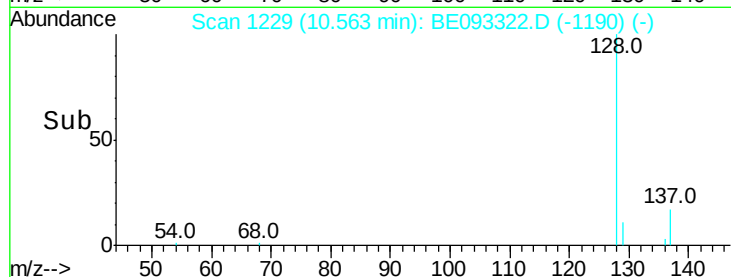
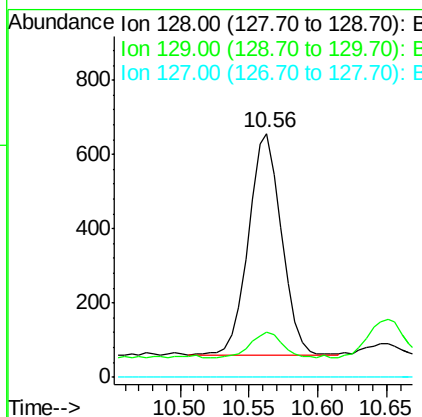
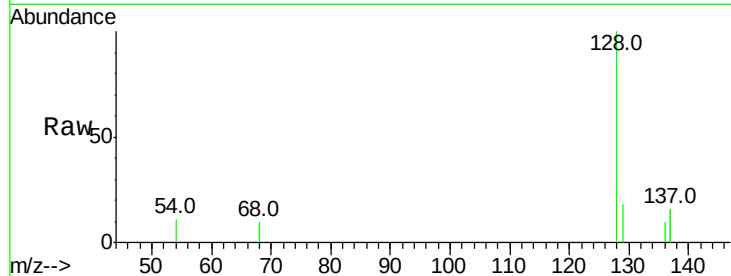
ClientSampleId :

F5A08DL

Tot Ion:	128	Resp:	1001
Ion Ratio	Lower	Upper	
128	100		
129	18.3	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.02 ng/ul

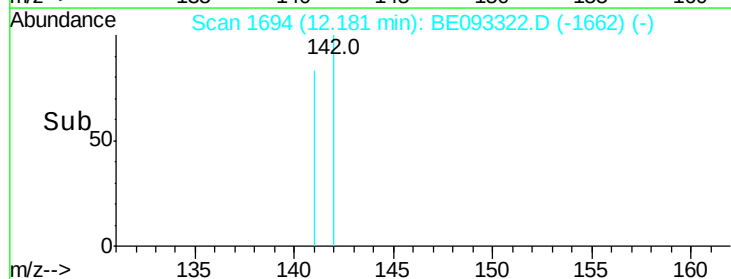
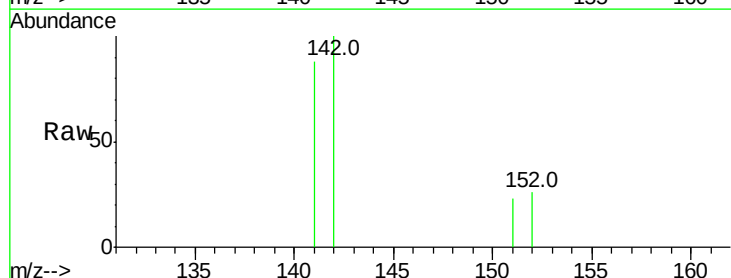
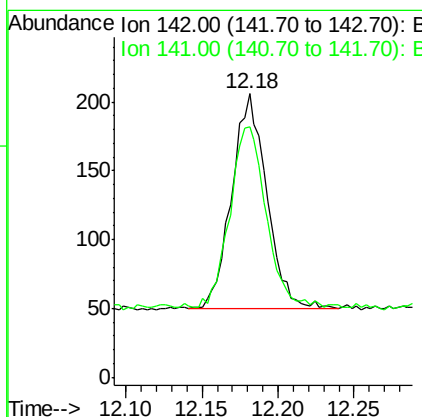
RT: 12.18 min Scan# 1694

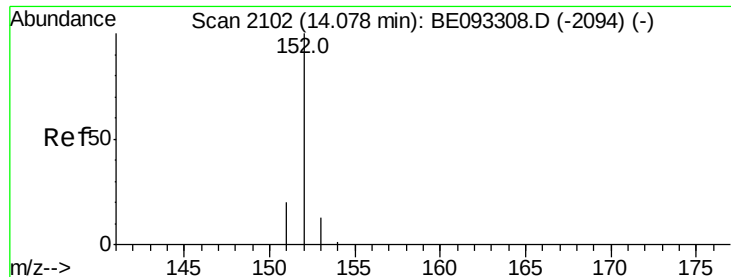
Delta R.T. -0.00 min

Lab File: BE093322.D

Acq: 21 Jun 2017 19:11

Tgt Ion:	142	Resp:	248
Ion Ratio	Lower	Upper	
142	100		
141	87.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093322.D

Acq: 21 Jun 2017 19:11

Instrument :

BNA_E

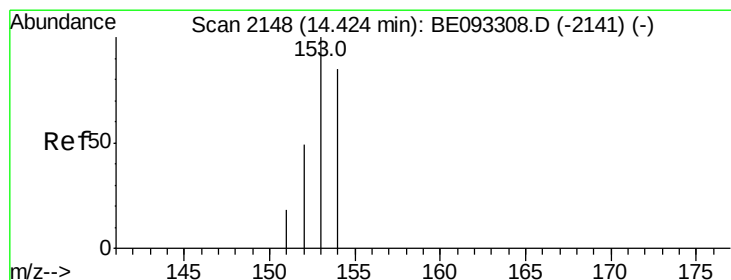
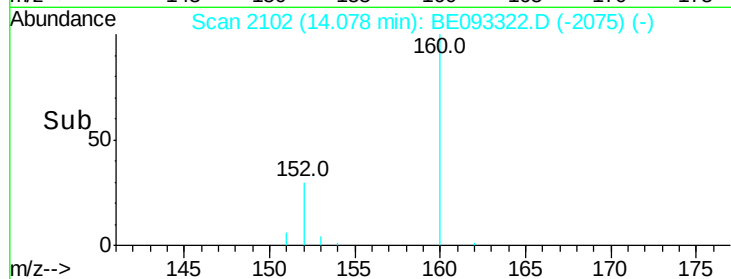
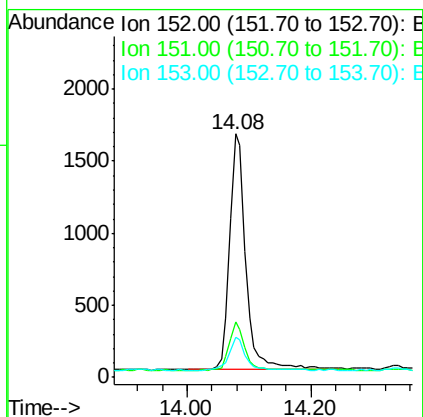
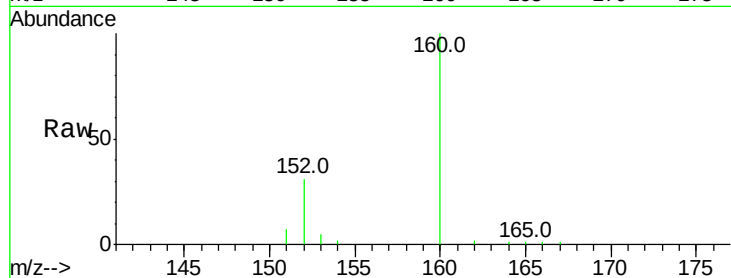
ClientSampleId :

F5A08DL

Tot Ion:	152	Resp:	2973
Ion Ratio	Lower	Upper	
152	100		
151	23.0	17.1	25.7
153	16.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.04 ng/ul

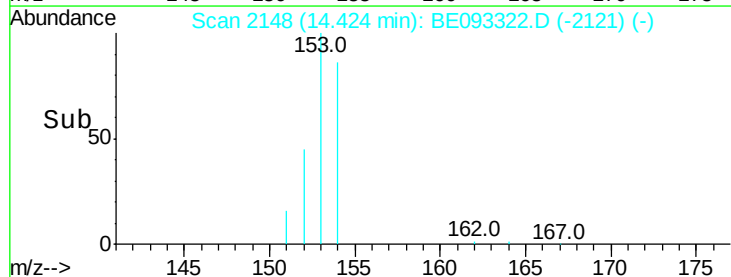
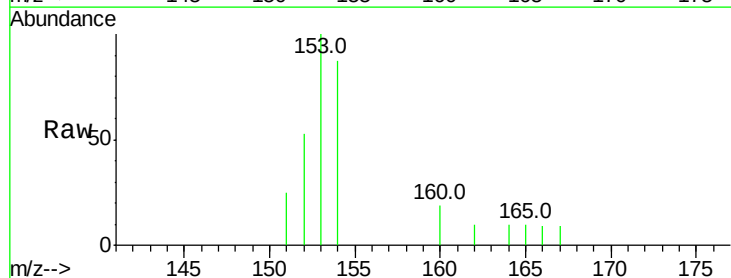
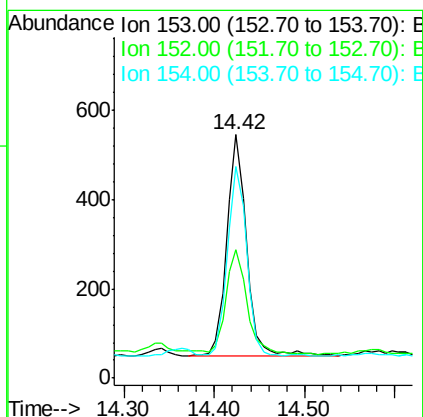
RT: 14.42 min Scan# 2148

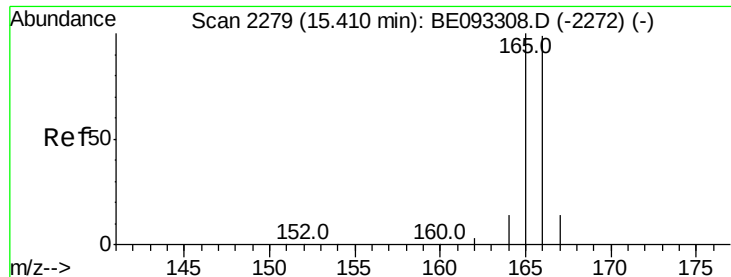
Delta R.T. -0.00 min

Lab File: BE093322.D

Acq: 21 Jun 2017 19:11

Tgt Ion:	153	Resp:	750
Ion Ratio	Lower	Upper	
153	100		
152	52.8	40.3	60.5
154	87.2	71.4	107.2





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093322.D

Acq: 21 Jun 2017 19:11

Instrument :

BNA_E

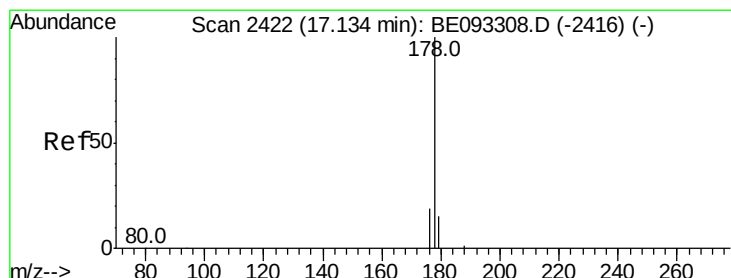
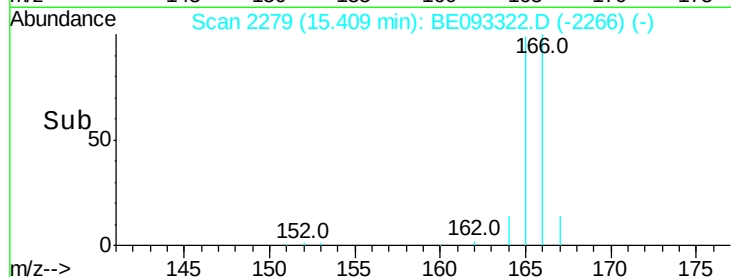
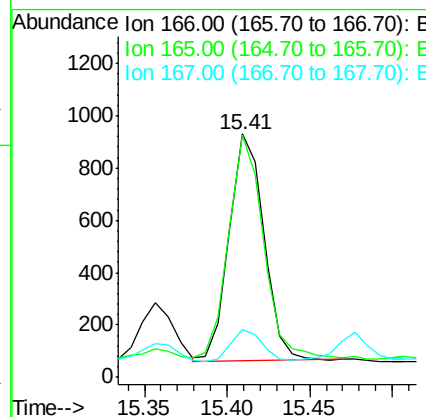
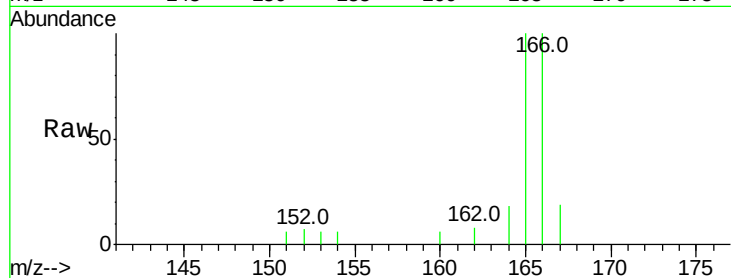
ClientSampleId :

F5A08DL

Tot Ion:	166	Resp:	1254
Ion Ratio	Lower	Upper	
166	100		
165	99.6	73.4	110.2
167	19.4	14.6	22.0

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#12

Phenanthrene

Concen: 0.33 ng/ul

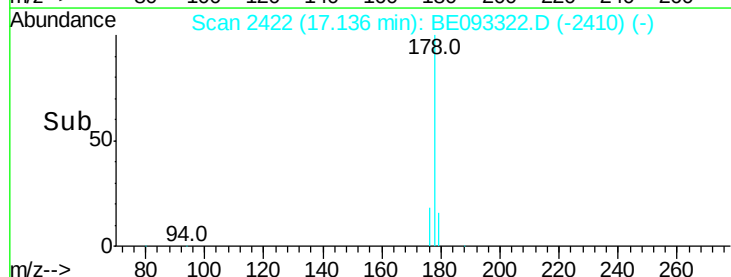
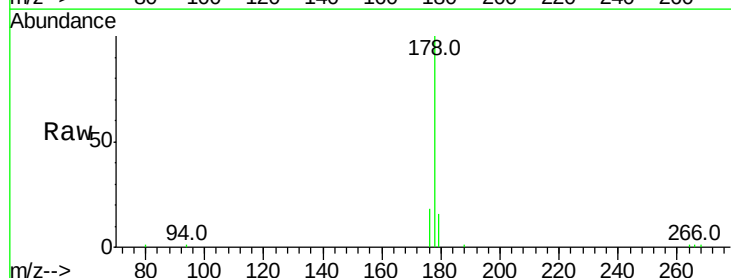
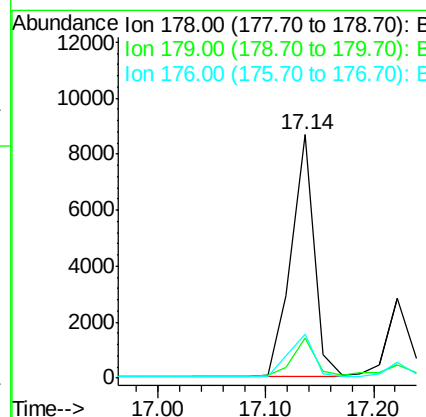
RT: 17.14 min Scan# 2422

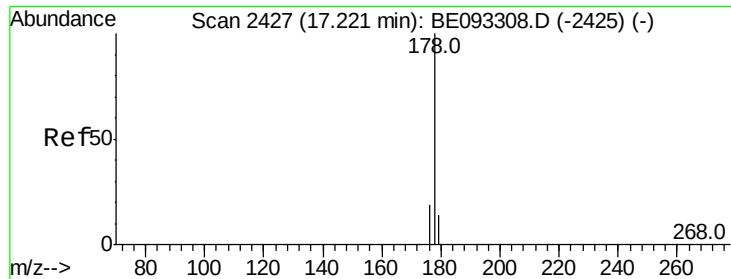
Delta R.T. 0.00 min

Lab File: BE093322.D

Acq: 21 Jun 2017 19:11

Tgt Ion:	178	Resp:	12879
Ion Ratio	Lower	Upper	
178	100		
179	16.3	18.4	27.6#
176	18.3	13.6	20.4





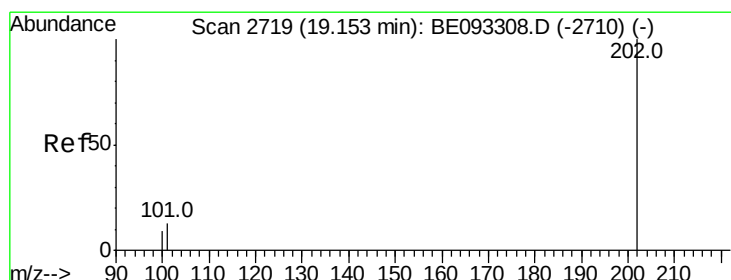
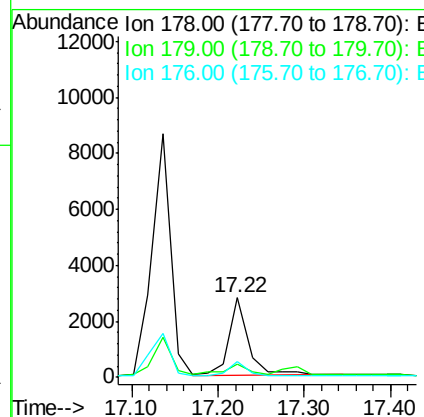
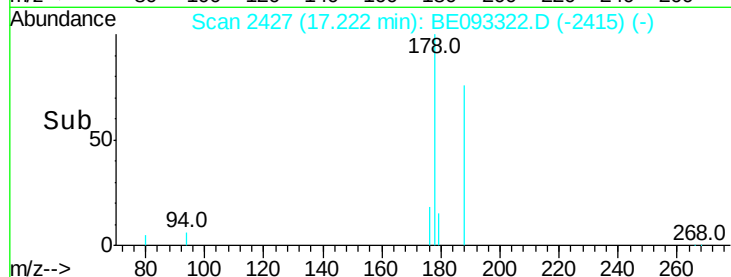
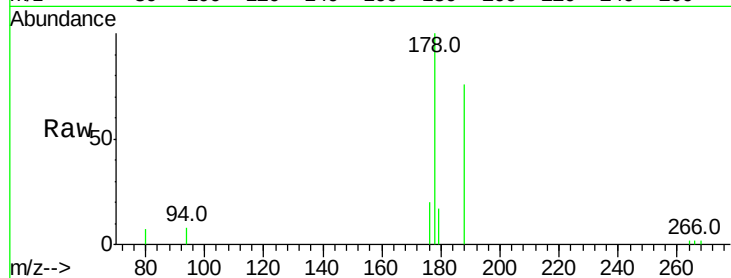
#13
 Anthracene
 Concen: 0.13 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093322.D
 Acq: 21 Jun 2017 19:11

Instrument :
 BNA_E
 ClientSampleId :
 F5A08DL

Tot Ion:178 Resp: 4348
 Ion Ratio Lower Upper
 178 100
 179 17.3 18.1 27.1#
 176 19.7 14.7 22.1

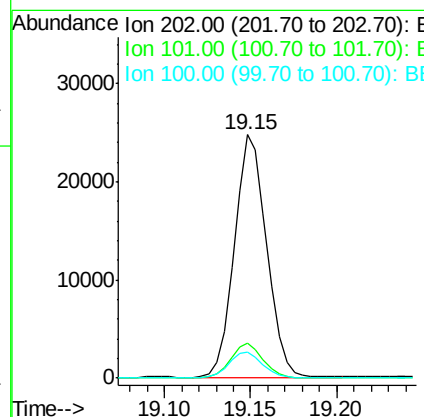
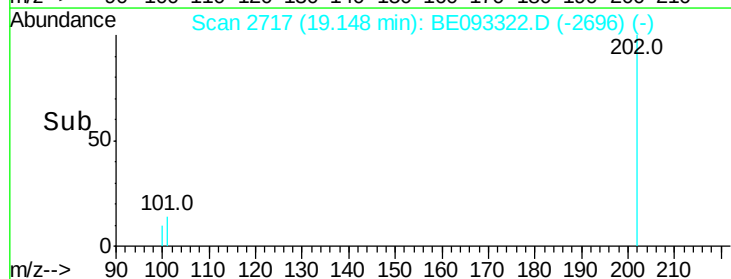
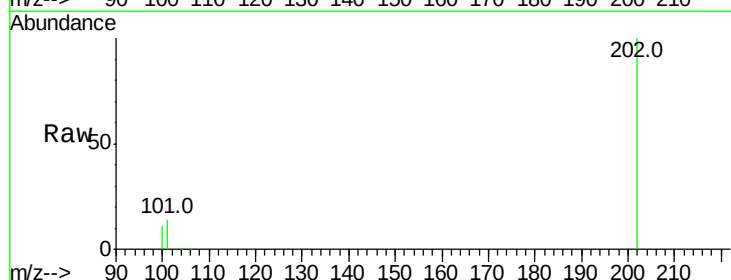
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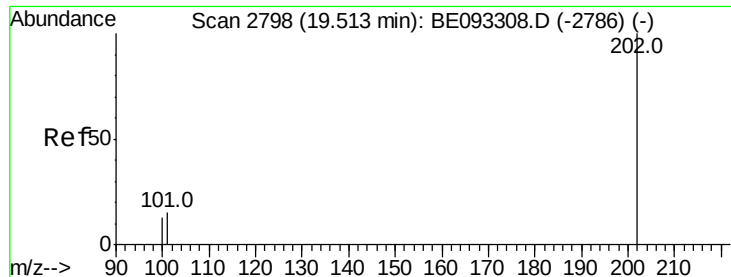
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#15
 Fluoranthene
 Concen: 0.67 ng/ul
 RT: 19.15 min Scan# 2717
 Delta R.T. -0.00 min
 Lab File: BE093322.D
 Acq: 21 Jun 2017 19:11

Tgt Ion:202 Resp: 32140
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 30.3
 100 10.6 0.0 39.5





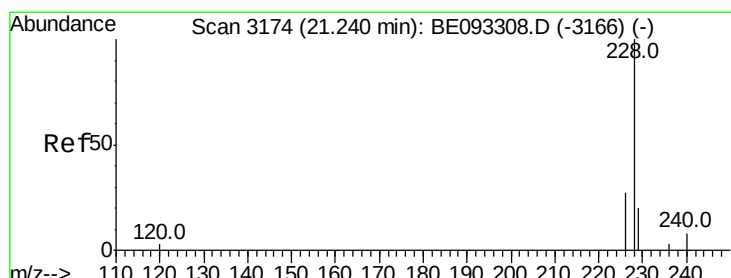
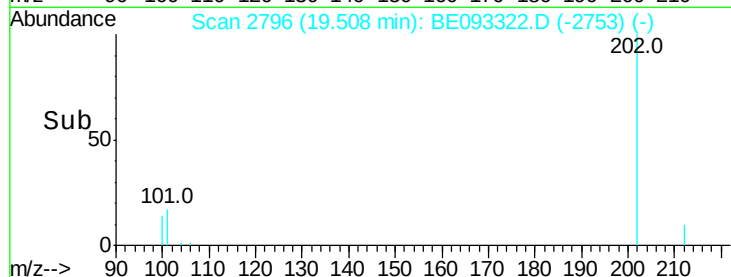
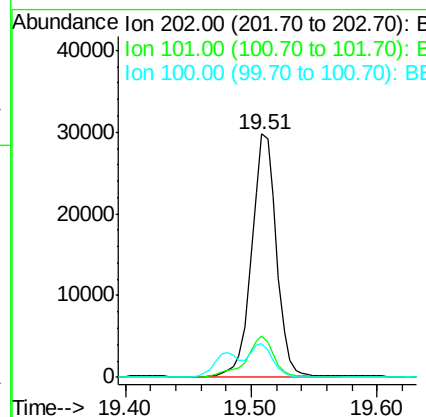
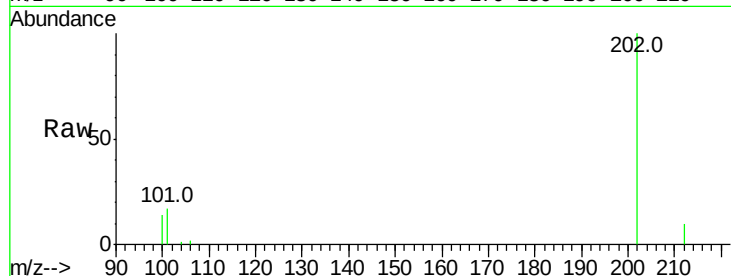
#17
Pvrene
Concen: 0.90 ng/ul
RT: 19.51 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BE093322.D
Acq: 21 Jun 2017 19:11

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	16.8	18.2	27.4#
100	14.0	15.6	23.4#

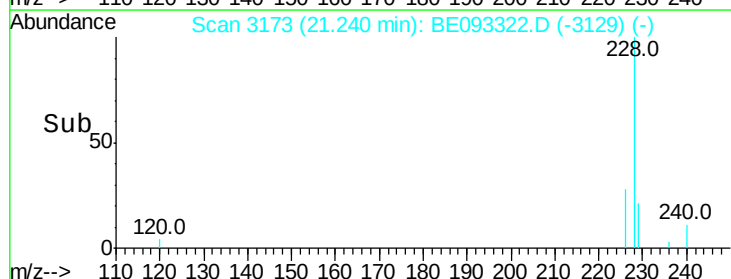
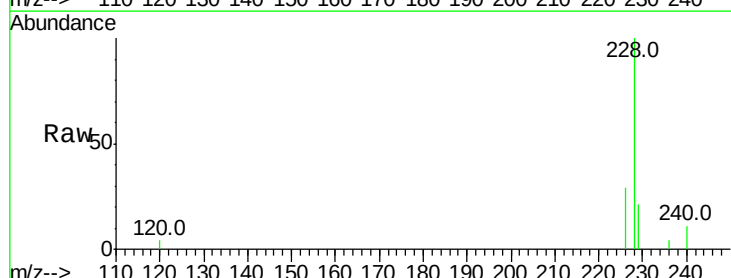
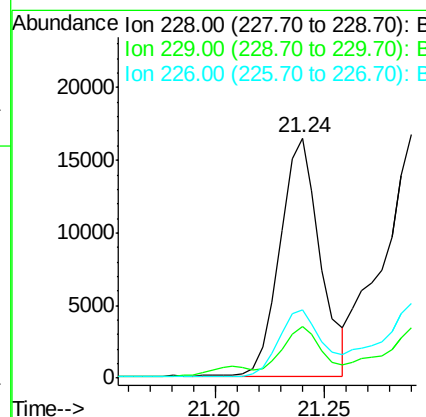
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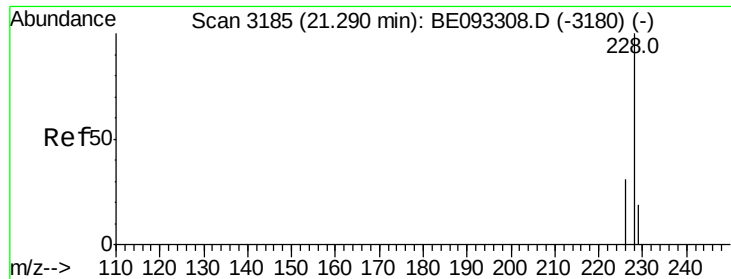
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#18
Benzo(a)anthracene
Concen: 0.51 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093322.D
Acq: 21 Jun 2017 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	28.6	17.0	25.6#





#19

Chrysene

Concen: 0.61 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BE093322.D

Acq: 21 Jun 2017 19:11

Instrument :

BNA_E

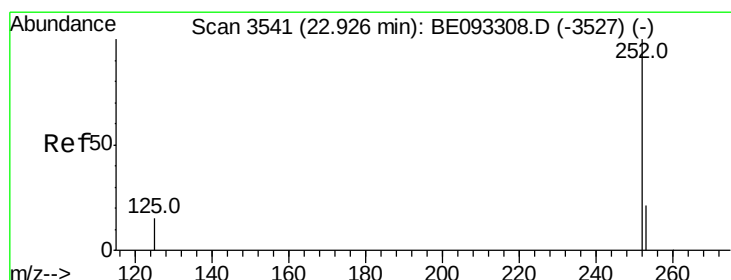
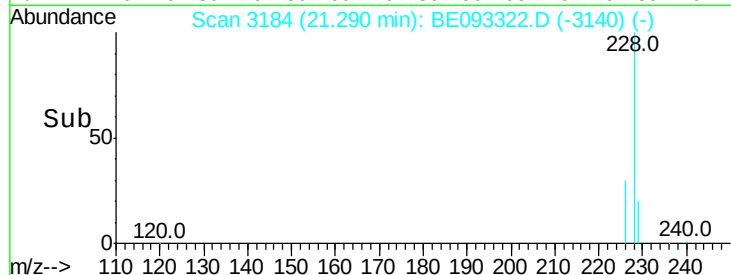
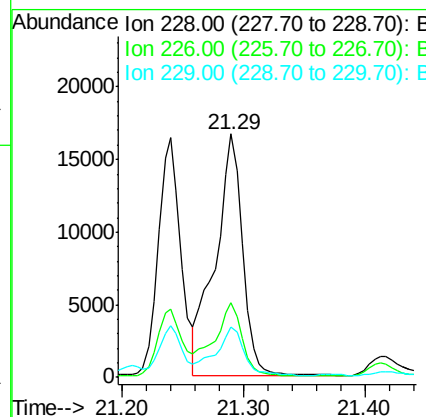
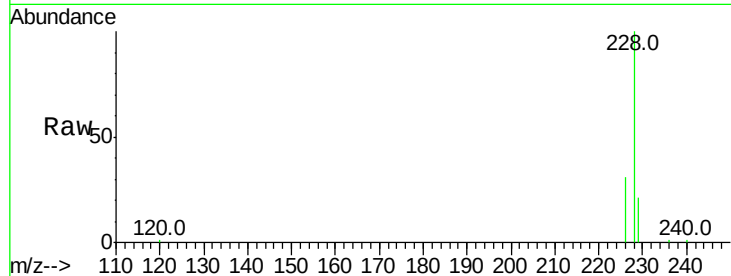
ClientSampleId :

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Tot Ion:	228	Resp:	26167
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	20.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.82 ng/ul m

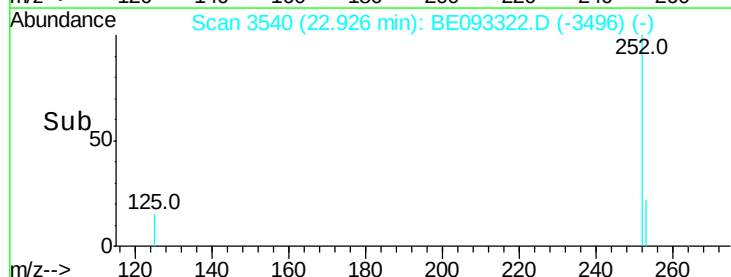
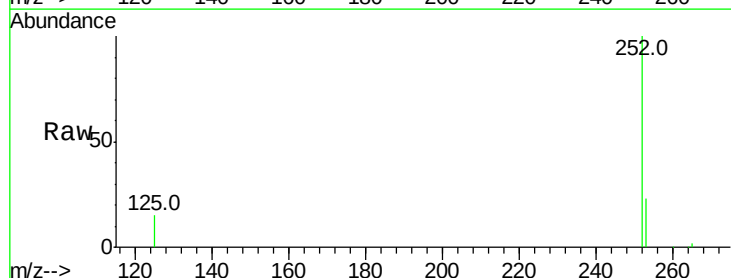
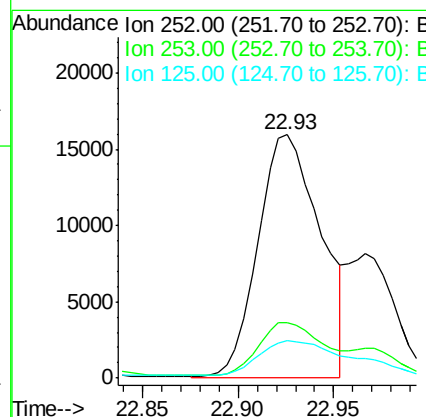
RT: 22.93 min Scan# 3540

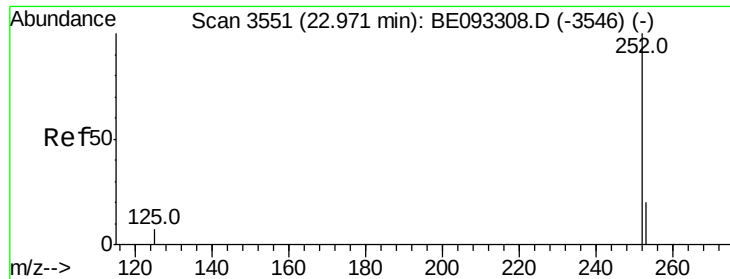
Delta R.T. 0.00 min

Lab File: BE093322.D

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Tgt Ion:	252	Resp:	36485
Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	64.2
125	15.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.31 ng/ul m

RT: 22.97 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BE093322.D

Acq: 21 Jun 2017 19:11

Instrument :

BNA_E

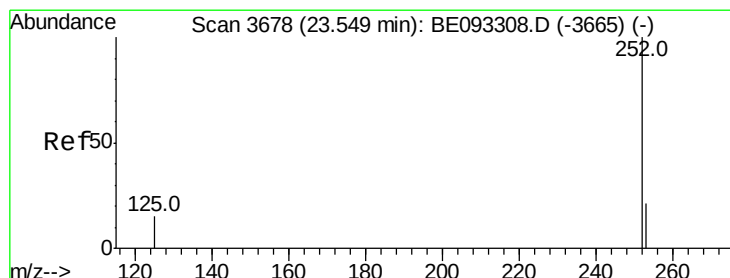
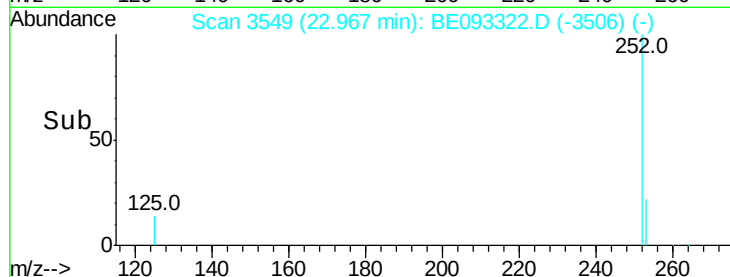
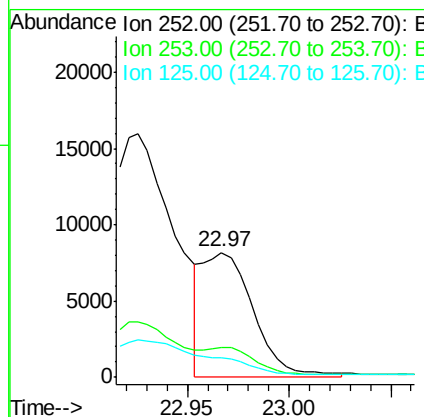
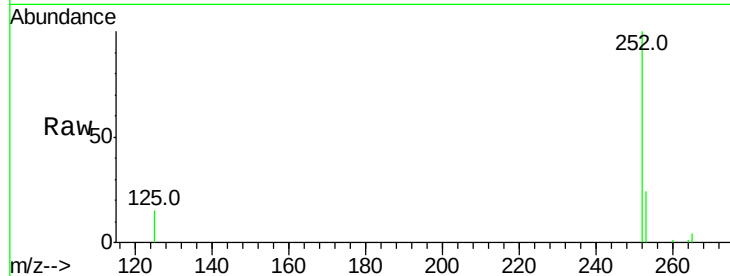
ClientSampleId :

F5A08DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	15.4	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.49 ng/ul

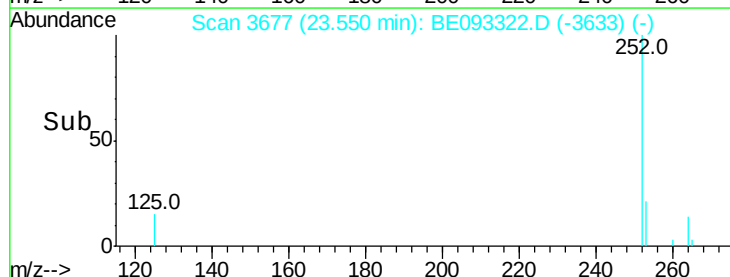
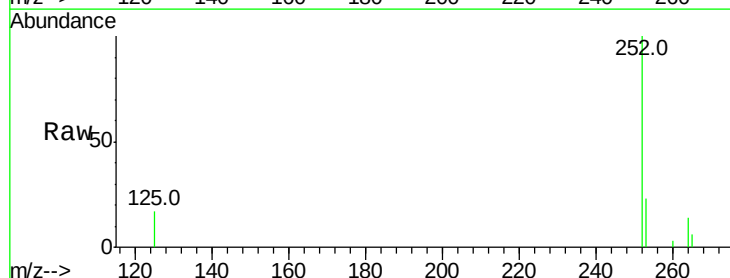
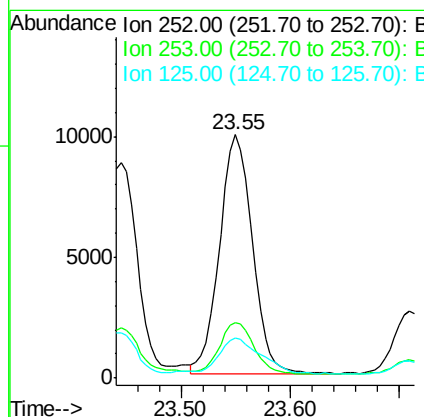
RT: 23.55 min Scan# 3677

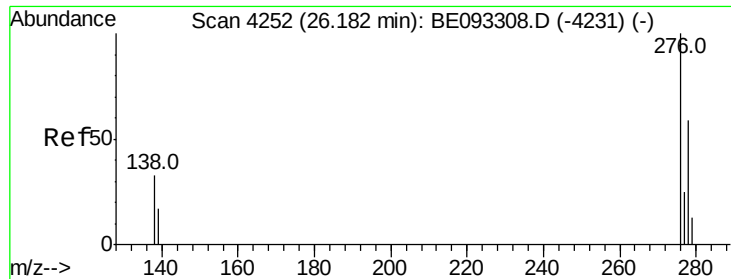
Delta R.T. 0.00 min

Lab File: BE093322.D

Acq: 21 Jun 2017 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	16.6	18.1	27.1#





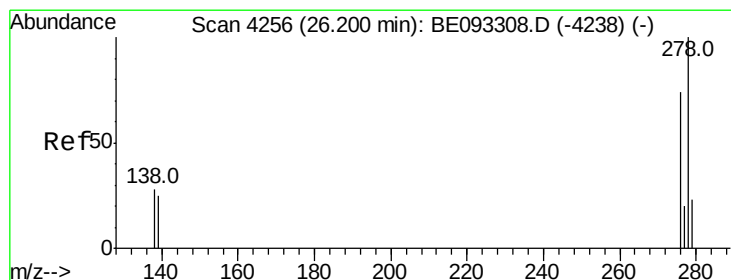
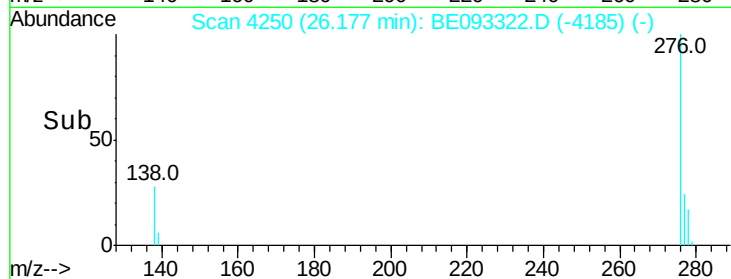
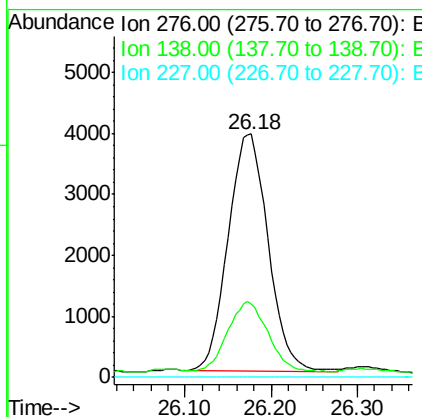
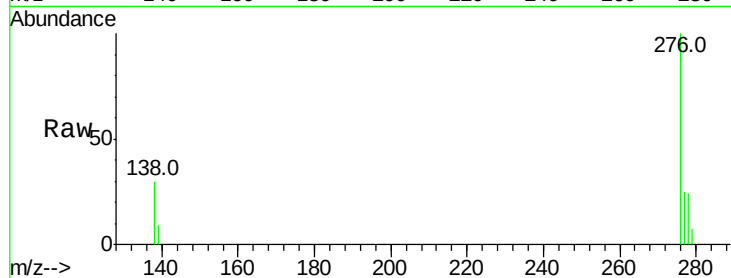
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.26 ng/ul
 RT: 26.18 min Scan# 4250
 Delta R.T. -0.00 min
 Lab File: BE093322.D
 Acq: 21 Jun 2017 19:11

Instrument :
 BNA_E
 ClientSampleID :
 F5A08DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	12515		
138	30.7		28.0	42.0
227	0.0		8.0	12.0

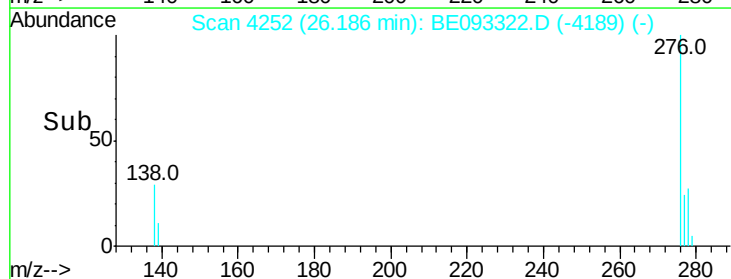
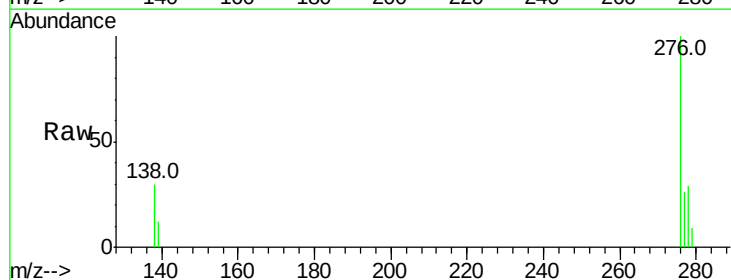
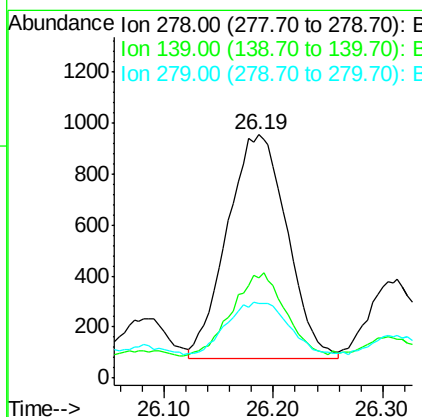
Manual Integrations
 APPROVED

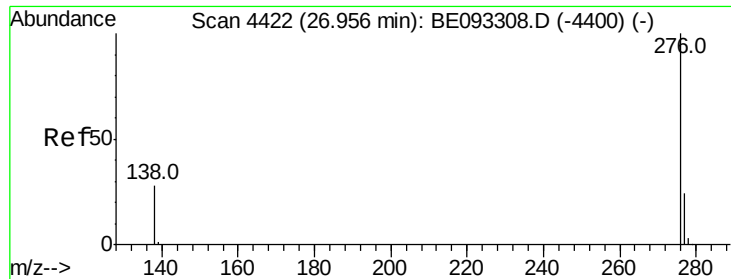
mohammad
 6/22/2017 11:49:15 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.08 ng/ul
 RT: 26.19 min Scan# 4252
 Delta R.T. -0.01 min
 Lab File: BE093322.D
 Acq: 21 Jun 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	3347		
139	41.2		17.4	26.0
279	30.4		25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.22 ng/ul
 RT: 26.95 min Scan# 4419
 Delta R.T. -0.01 min
 Lab File: BE093322.D
 Acq: 21 Jun 2017 19:11

Instrument :
 BNA_E
 ClientSampleId :
 F5A08DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	21.8	32.8
277	25.2	20.5	30.7

Manual Integrations
 APPROVED

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