

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
 Data File : BE093313.D
 Acq On : 21 Jun 2017 13:40
 Operator : SJ/JU
 Sample : I3627-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A91DL

Manual Integrations
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mohammad
 6/22/2017 11:48:42 AM

Quant Time: Jun 22 03:16:40 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	7.73	152	2166	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	12101	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	7635	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18685	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	20280	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	17648	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	628	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1763	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.56	128	1880	0.06	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1154	0.06	ng/ul	99
7) Acenaphthylene	14.09	152	4326	0.13	ng/ul	99
8) Acenaphthene	14.42	153	3277	0.12	ng/ul	98
9) Fluorene	15.41	166	4675	0.15	ng/ul	92
12) Phenanthrene	17.14	178	129444	2.52	ng/ul#	91
13) Anthracene	17.22	178	24365	0.54	ng/ul#	92
15) Fluoranthene	19.15	202	232476	3.69	ng/ul	84
17) Pyrene	19.51	202	220537	3.69	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	107384	1.99	ng/ul#	85
19) Chrysene	21.29	228	110212	1.96	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	114250m	2.13	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	40469m	0.71	ng/ul	
23) Benzo(a)pyrene	23.56	252	75269	1.49	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.18	276	43994	0.75	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	13463	0.27	ng/ul	92
26) Benzo(a,h,i)perylene	26.95	276	37193	0.74	ng/ul	97

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

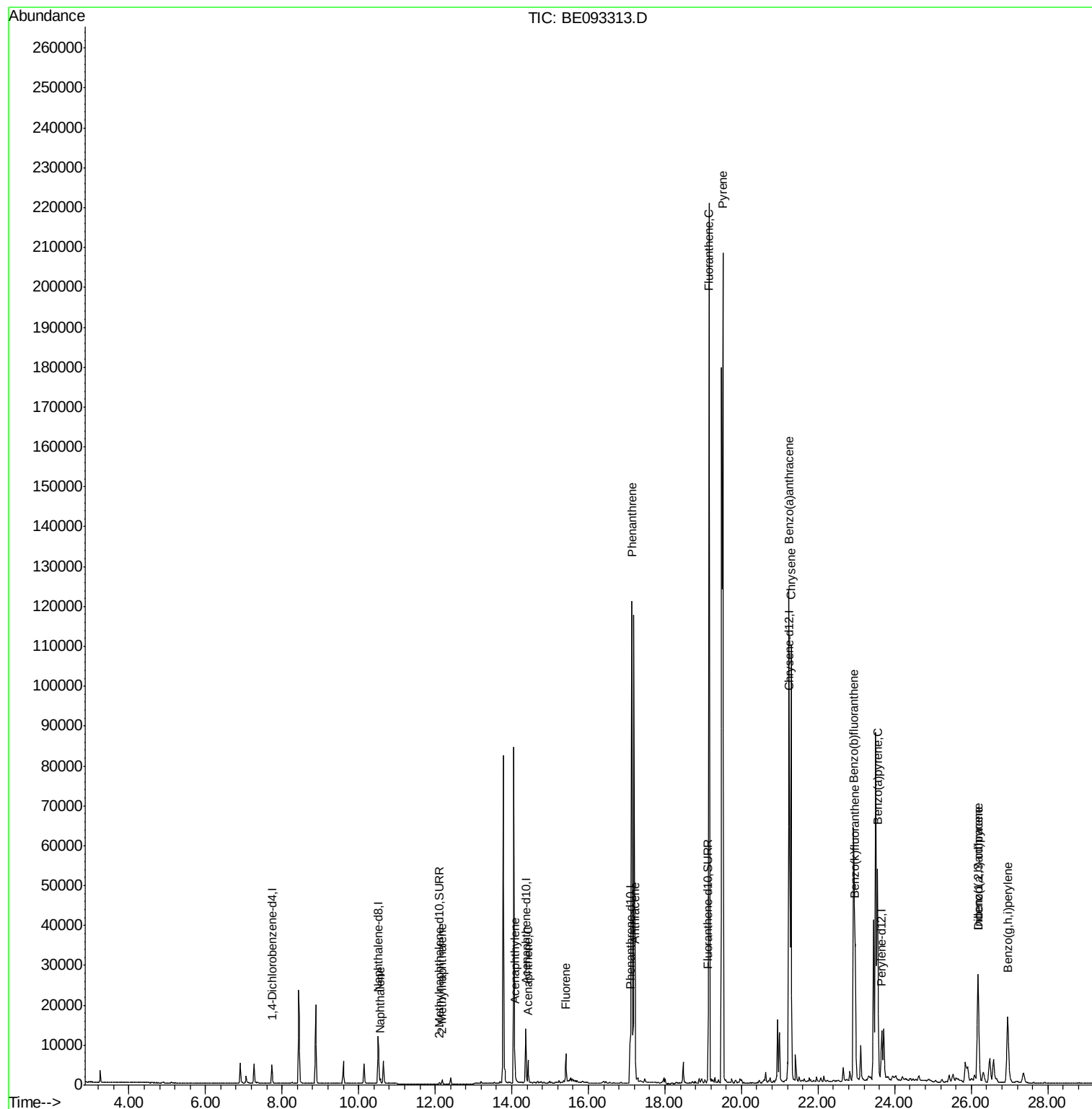
Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
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ALS Vial : 7 Sample Multiplier: 1

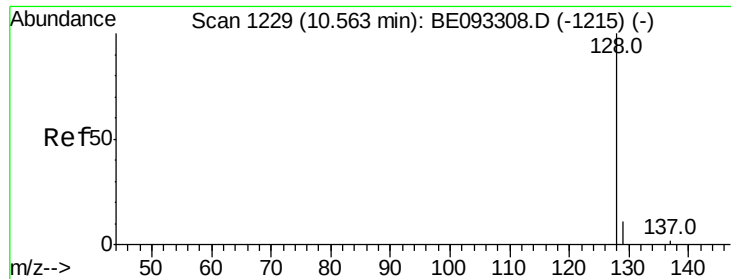
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 0.06 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Instrument :

BNA_E

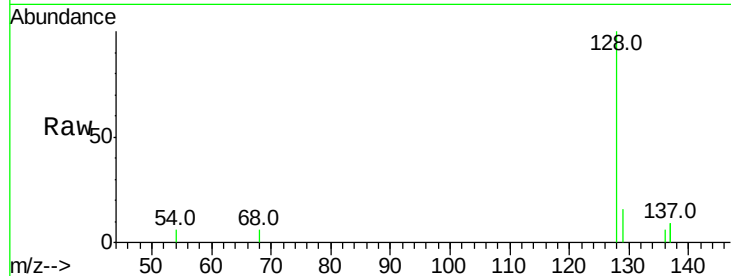
ClientSampleId :

F5A91DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.8	11.3	16.9
127	0.0	4.0	6.0

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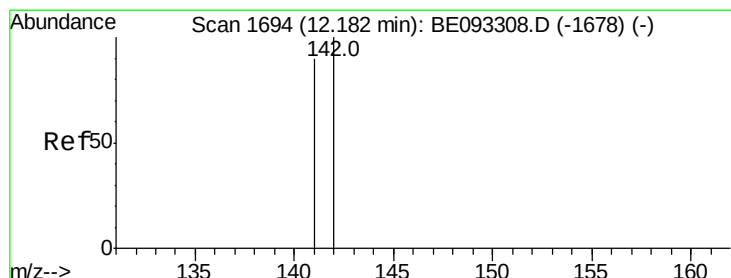
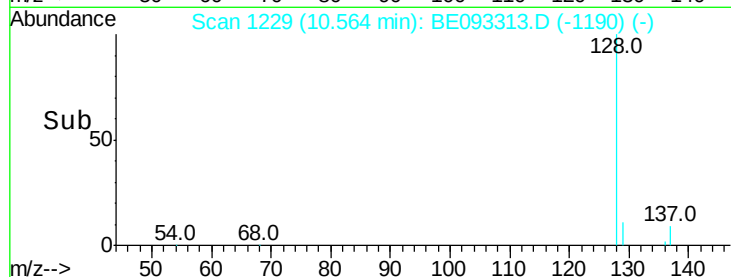
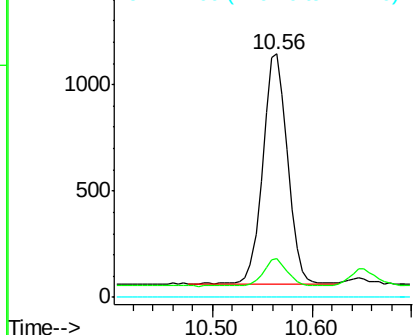


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093313.D

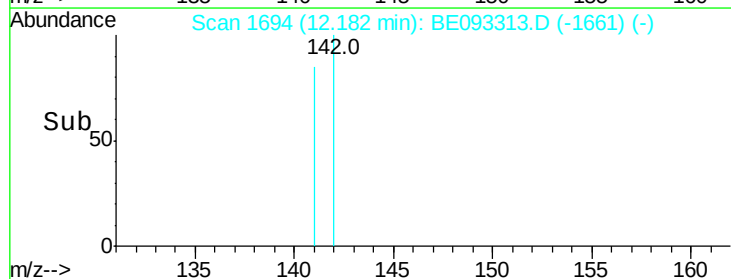
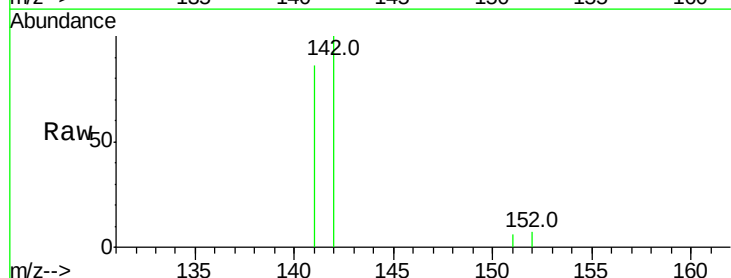
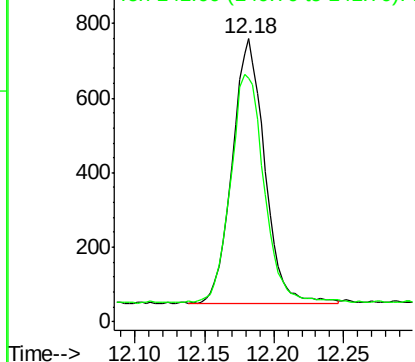
Acq: 21 Jun 2017 13:40

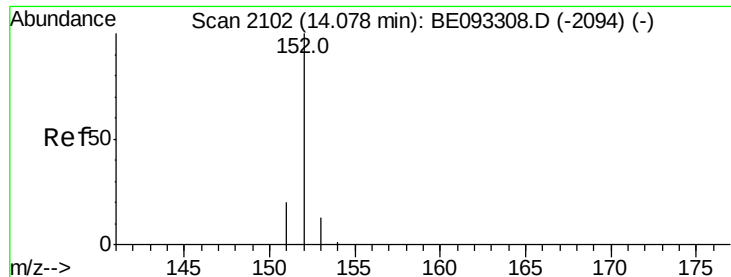
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.13 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Instrument :

BNA_E

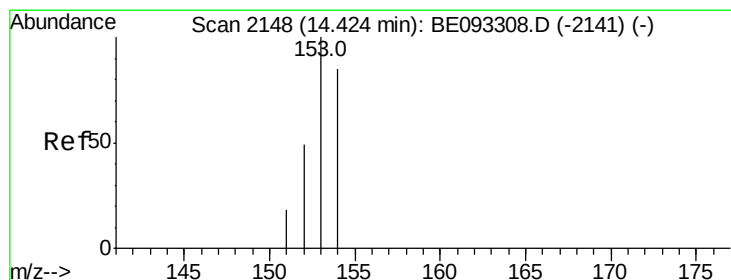
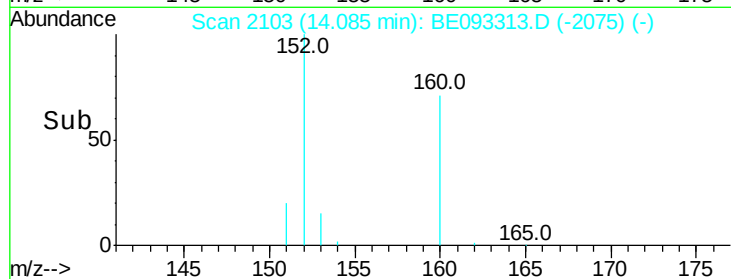
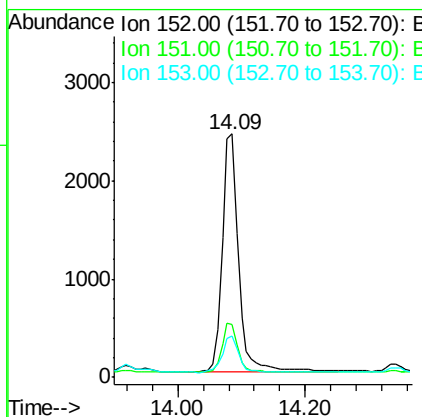
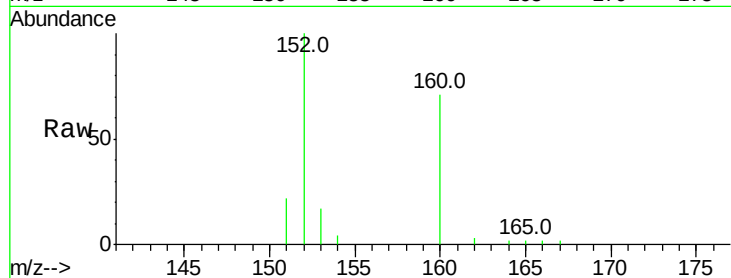
ClientSampleId :

F5A91DL

Tot Ion:	152	Resp:	4326
Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7
153	16.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.12 ng/ul

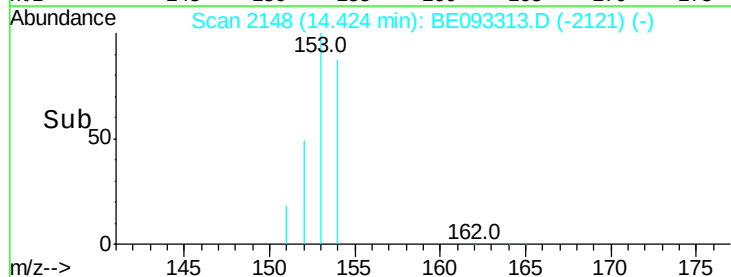
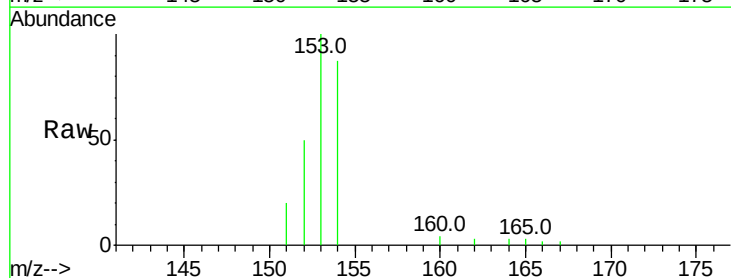
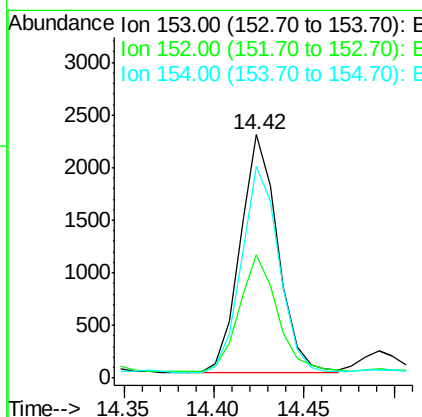
RT: 14.42 min Scan# 2148

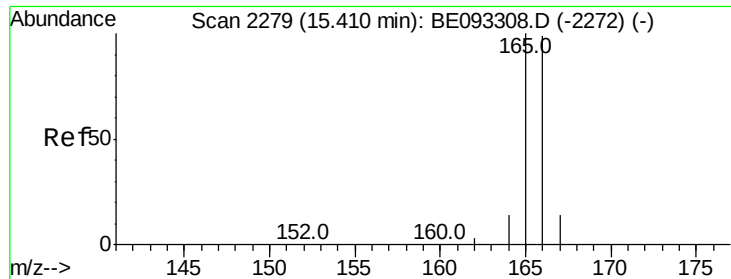
Delta R.T. -0.00 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Tgt Ion:	153	Resp:	3277
Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.3	60.5
154	86.9	71.4	107.2





#9

Fluorene

Concen: 0.15 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Instrument :

BNA_E

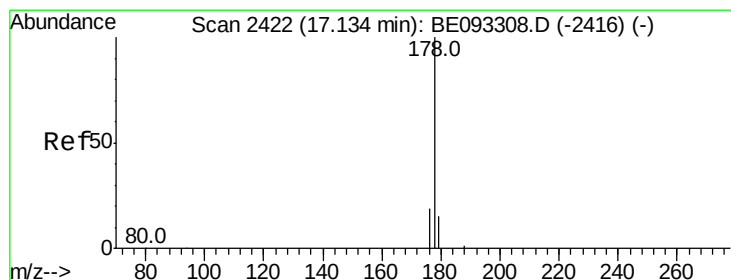
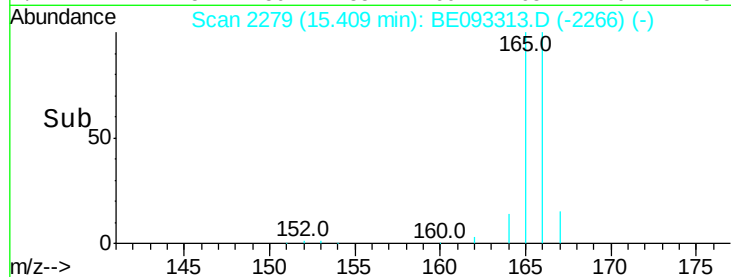
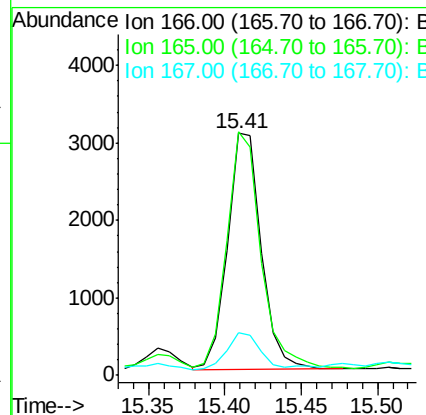
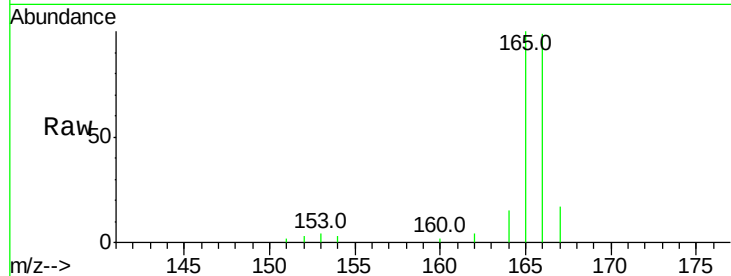
ClientSampleId :

F5A91DL

Tot Ion:	166	Resp:	4675
Ion Ratio	Lower	Upper	
166	100		
165	100.6	73.4	110.2
167	17.4	14.6	22.0

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#12

Phenanthrene

Concen: 2.52 ng/ul

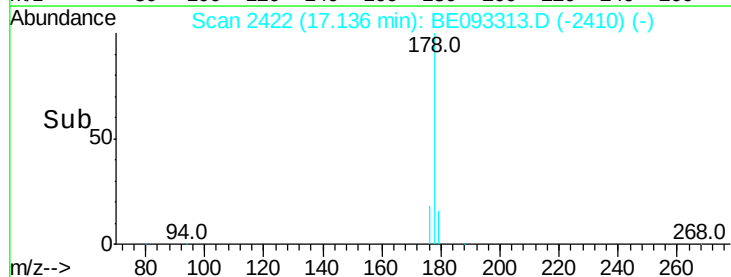
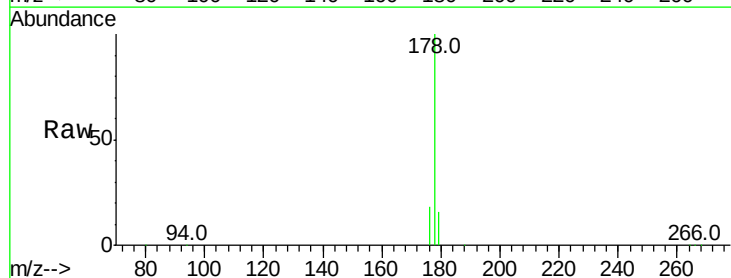
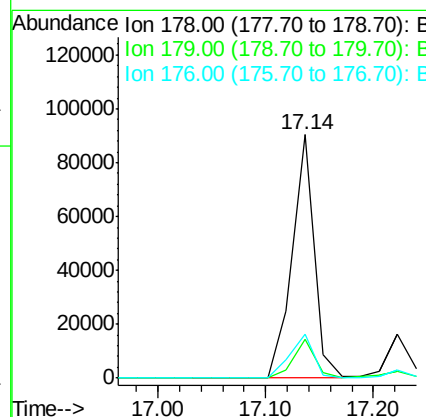
RT: 17.14 min Scan# 2422

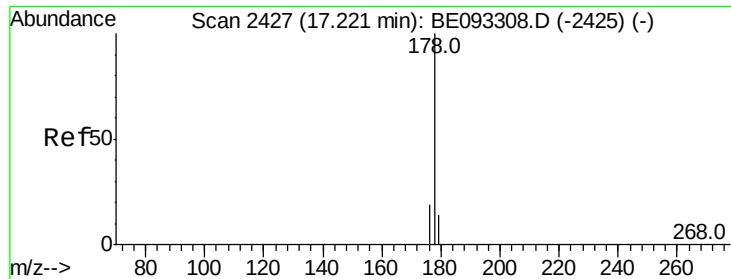
Delta R.T. 0.00 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Tgt Ion:	178	Resp:	129444
Ion Ratio	Lower	Upper	
178	100		
179	16.0	18.4	27.6#
176	17.9	13.6	20.4





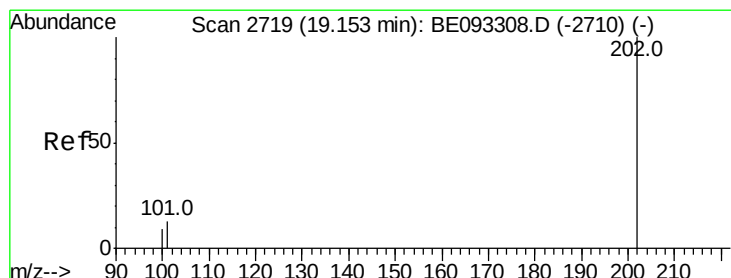
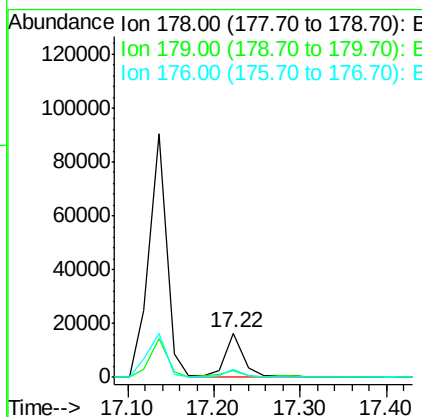
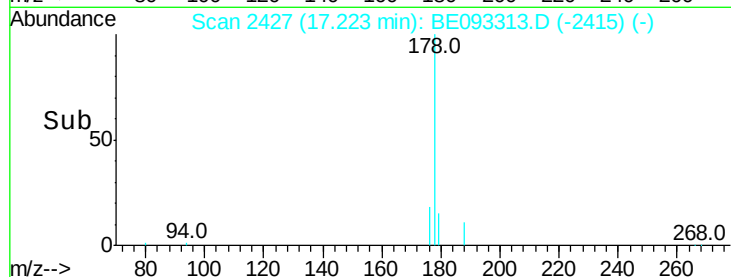
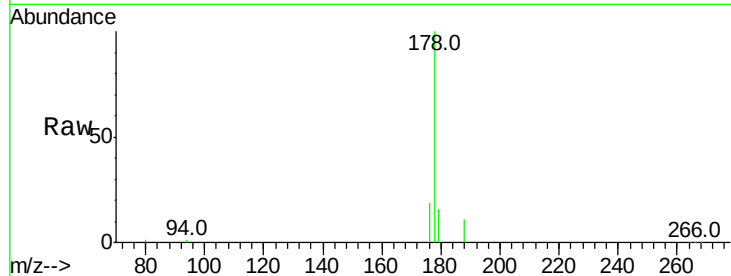
#13
 Anthracene
 Concen: 0.54 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093313.D
 Acq: 21 Jun 2017 13:40

Instrument :
 BNA_E
 ClientSampleId :
 F5A91DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	18.5	14.7	22.1

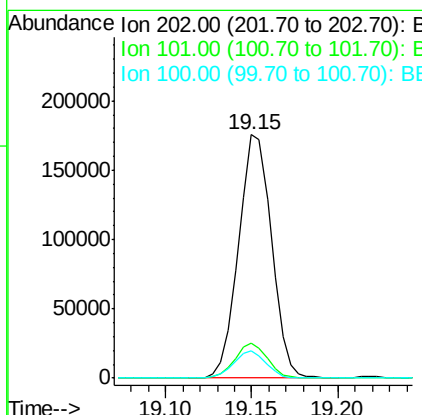
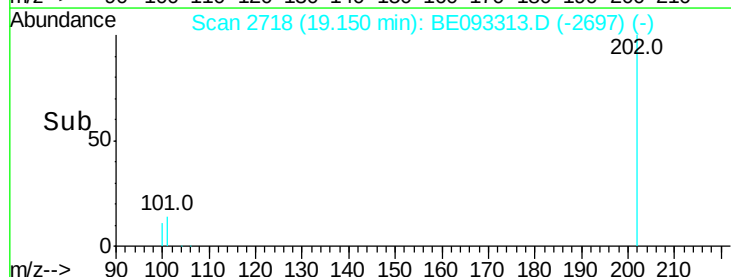
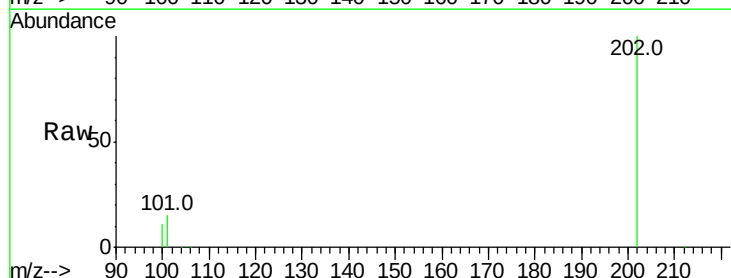
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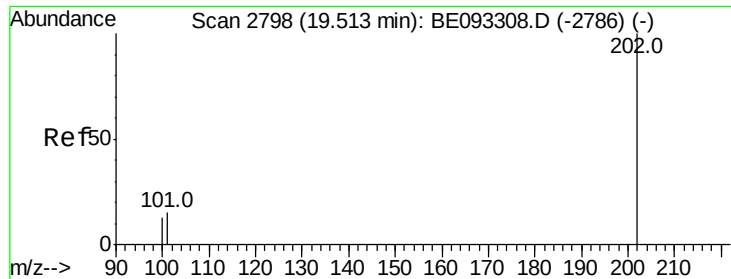
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#15
 Fluoranthene
 Concen: 3.69 ng/ul
 RT: 19.15 min Scan# 2718
 Delta R.T. -0.00 min
 Lab File: BE093313.D
 Acq: 21 Jun 2017 13:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	30.3
100	11.1	0.0	39.5





#17

Pyrene

Concen: 3.69 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Instrument :

BNA_E

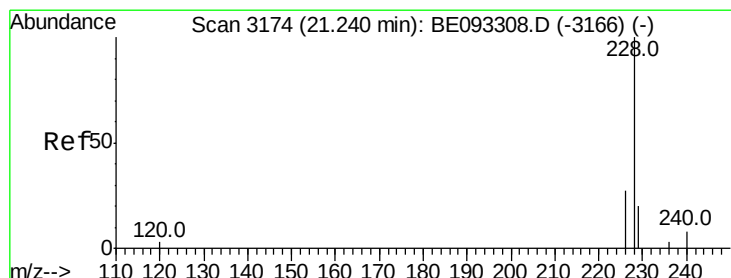
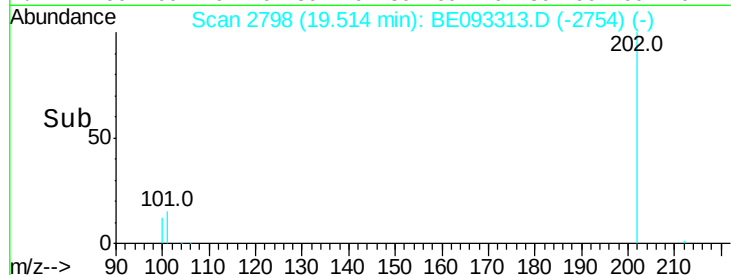
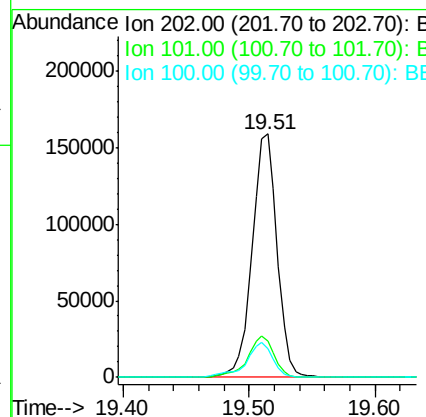
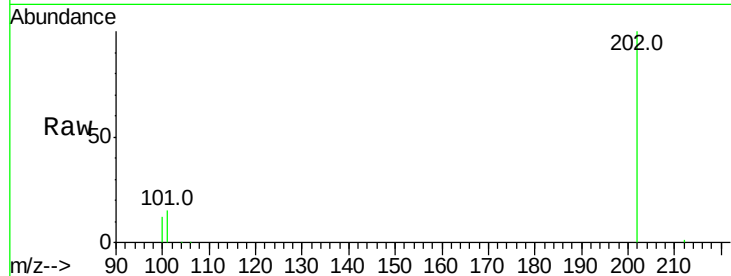
ClientSampleId :

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Tot Ion:	202	Resp:	220537
Ion Ratio	Lower	Upper	
202	100		
101	14.9	18.2	27.4#
100	11.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.99 ng/ul

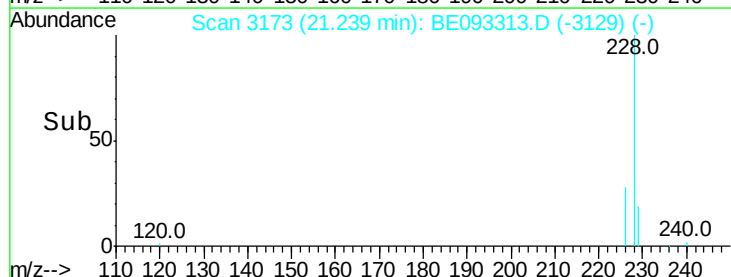
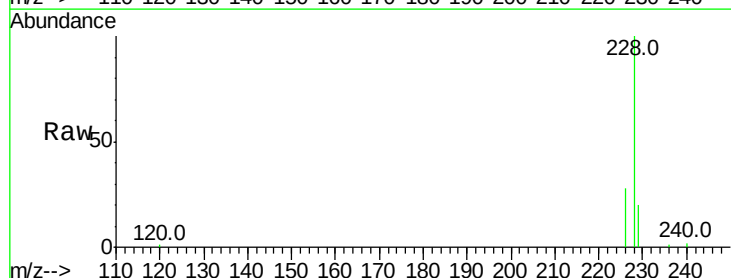
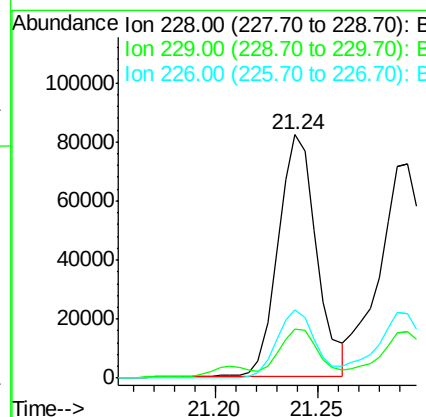
RT: 21.24 min Scan# 3173

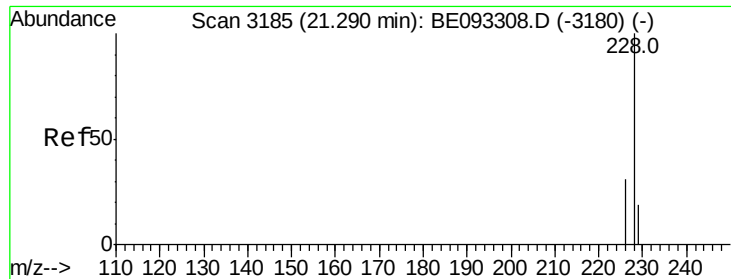
Delta R.T. -0.00 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Tgt Ion:	228	Resp:	107384
Ion Ratio	Lower	Upper	
228	100		
229	19.9	22.8	34.2#
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 1.96 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Instrument :

BNA_E

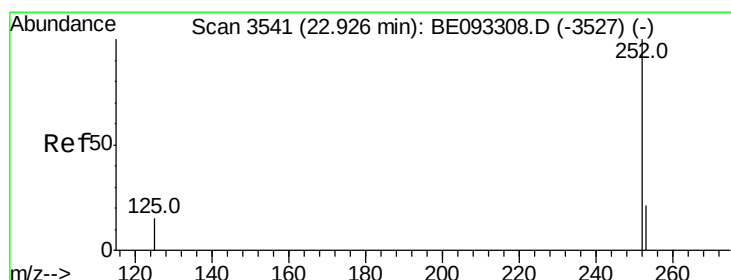
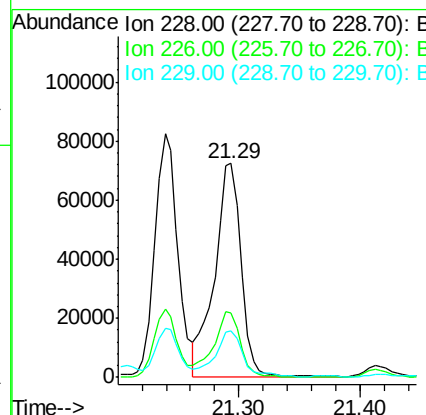
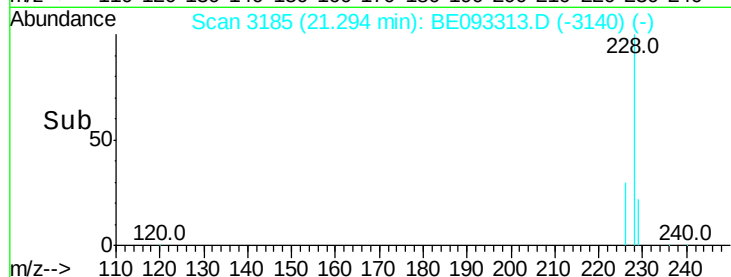
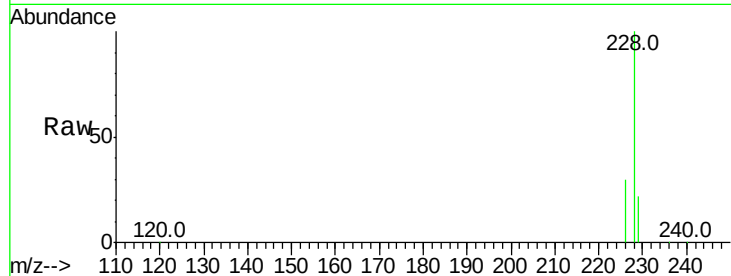
ClientSampleId :

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Tot Ion:	228	Resp:	110212
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.0
229	21.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.13 ng/ul m

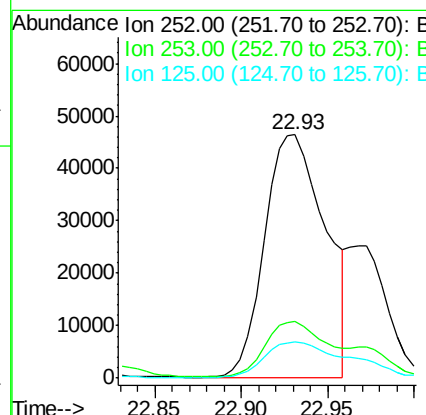
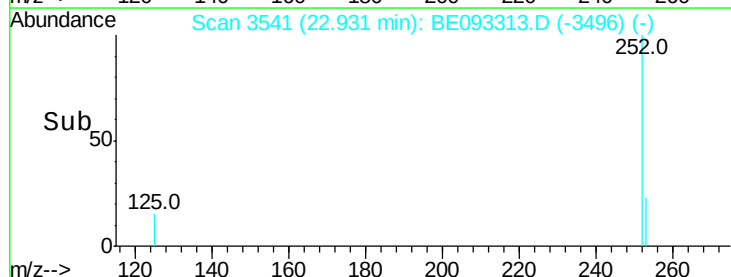
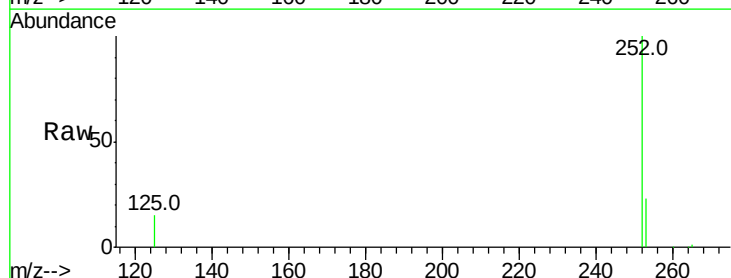
RT: 22.93 min Scan# 3541

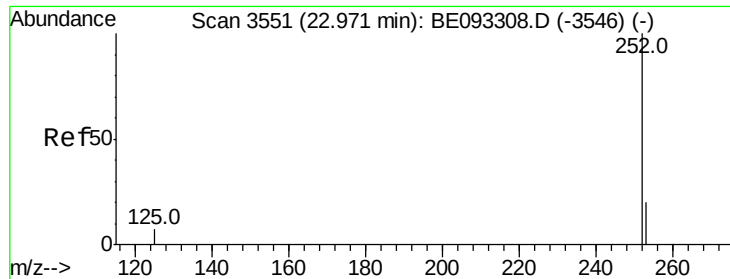
Delta R.T. 0.01 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Tgt Ion:	252	Resp:	114250
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	14.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.71 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Instrument :

BNA_E

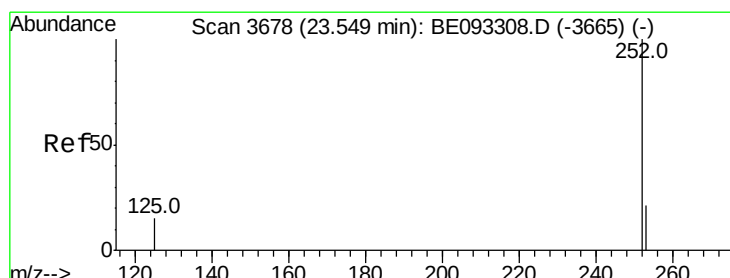
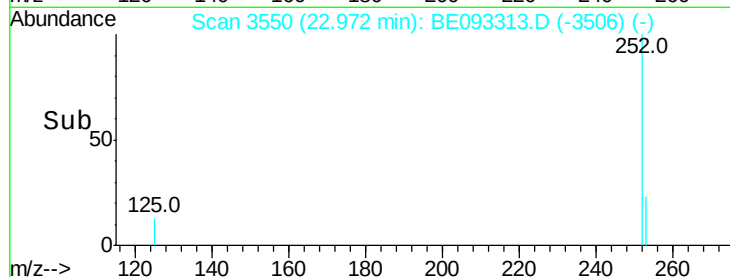
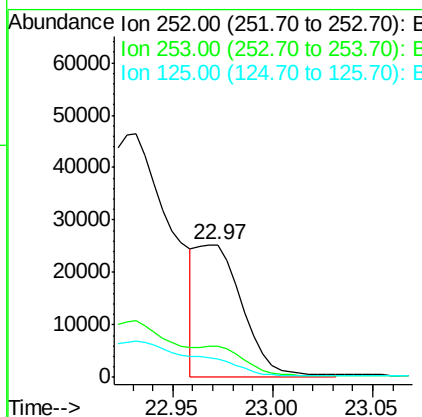
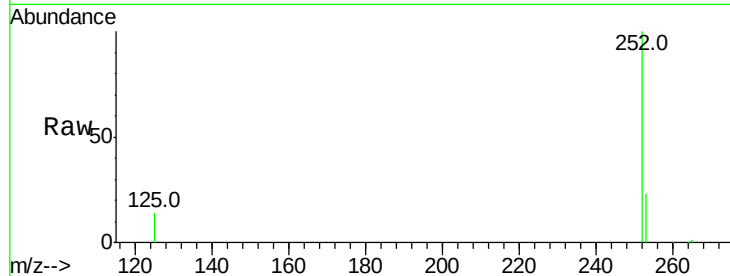
ClientSampleId :

F5A91DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	14.0	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.49 ng/ul

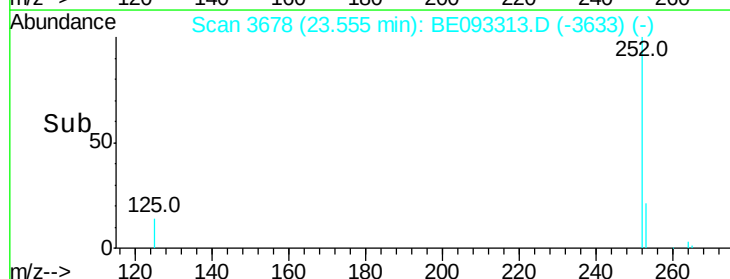
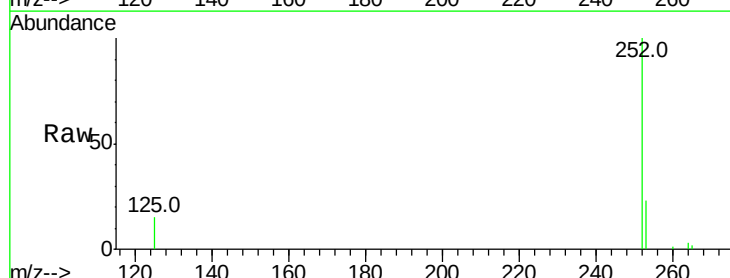
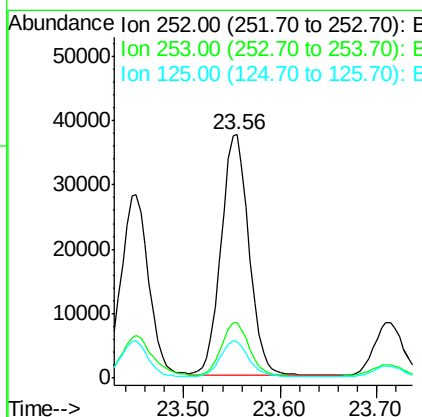
RT: 23.56 min Scan# 3678

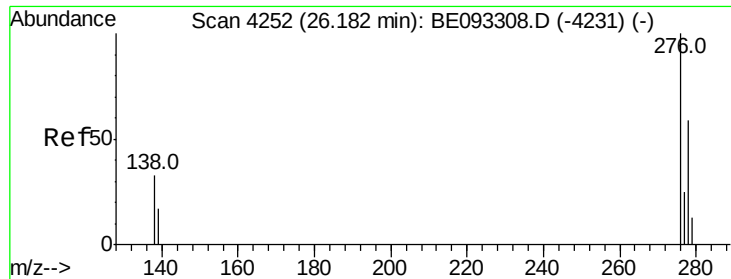
Delta R.T. 0.01 min

Lab File: BE093313.D

Acq: 21 Jun 2017 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	14.8	18.1	27.1#





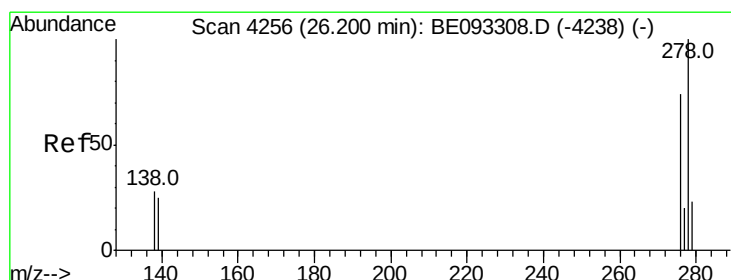
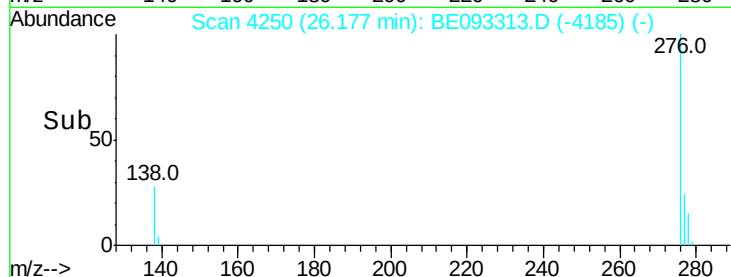
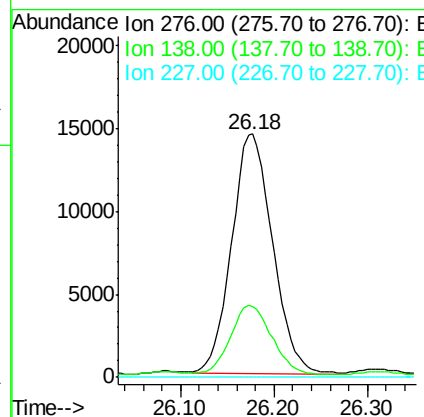
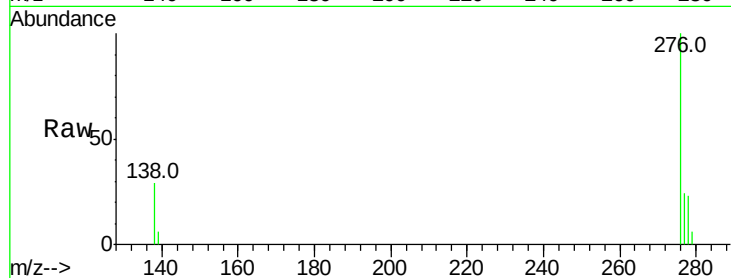
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.75 ng/ul
 RT: 26.18 min Scan# 4250
 Delta R.T. -0.01 min
 Lab File: BE093313.D
 Acq: 21 Jun 2017 13:40

Instrument :
 BNA_E
 ClientSampleId :
 F5A91DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	43994		
138	29.7		28.0	42.0
227	0.0		8.0	12.0

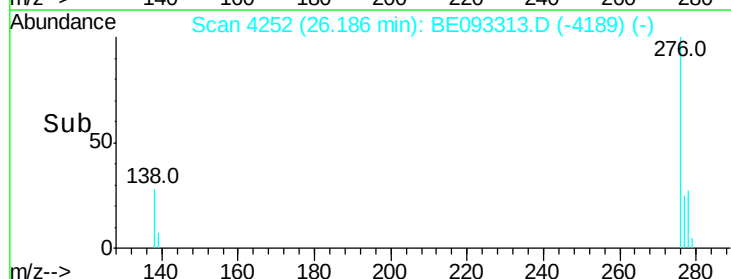
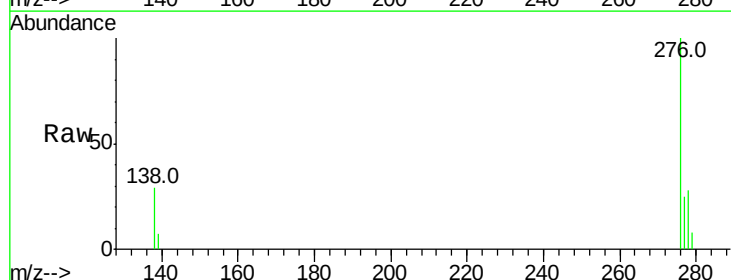
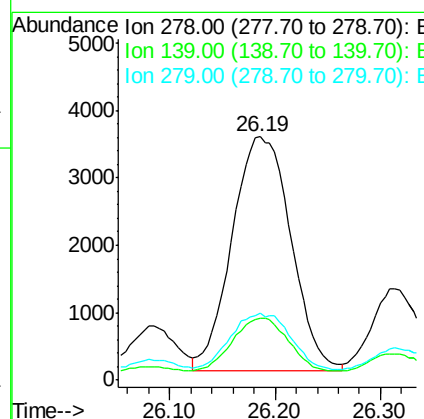
Manual Integrations
 APPROVED

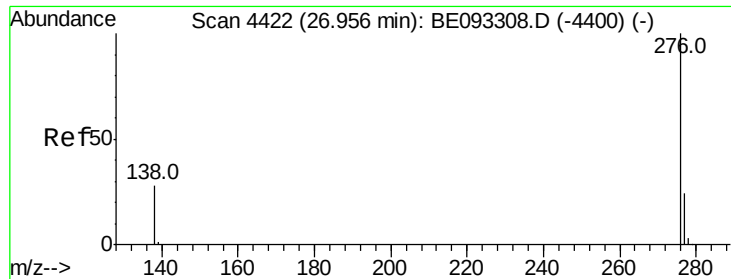
mohammad
 6/22/2017 11:48:42 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.27 ng/ul
 RT: 26.19 min Scan# 4252
 Delta R.T. -0.01 min
 Lab File: BE093313.D
 Acq: 21 Jun 2017 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	13463		
139	25.2		17.4	26.0
279	27.7		25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.74 ng/ul
 RT: 26.95 min Scan# 4420
 Delta R.T. -0.01 min
 Lab File: BE093313.D
 Acq: 21 Jun 2017 13:40

Instrument :
 BNA_E
 ClientSampleId :
 F5A91DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	24.7	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 6/22/2017 11:48:42 AM

