

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093222.D
 Acq On : 15 Jun 2017 23:36
 Operator : SJ/MA
 Sample : I3520-15DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B47DL

Manual Integrations
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mohammad
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Quant Time: Jun 16 05:33:58 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 04:43:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2872	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	15203	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8968	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20939	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	22875	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	18725	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1678	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	3936	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	4352	0.115	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	1068	0.041	ng/ul	97
7) Acenaphthylene	14.08	152	45761	1.189	ng/ul	95
8) Acenaphthene	14.43	153	1409	0.045	ng/ul	95
9) Fluorene	15.42	166	1933	0.053	ng/ul	94
12) Phenanthrene	17.14	178	103110	1.790	ng/ul#	87
13) Anthracene	17.22	178	64737	1.291	ng/ul#	86
15) Fluoranthene	19.16	202	1160379	16.424	ng/ul	84
17) Pyrene	19.52	202	1152466	17.084	ng/ul#	87
18) Benzo(a)anthracene	21.25	228	500570	8.204	ng/ul#	85
19) Chrysene	21.30	228	753440	11.904	ng/ul	99
21) Benzo(b)fluoranthene	22.94	252	942364m	16.584	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	347108m	5.751	ng/ul	
23) Benzo(a)pyrene	23.56	252	371368	6.912	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.19	276	252943	4.066	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	70503	1.346	ng/ul	91
26) Benzo(g,h,i)perylene	26.96	276	180413	3.381	ng/ul	96

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

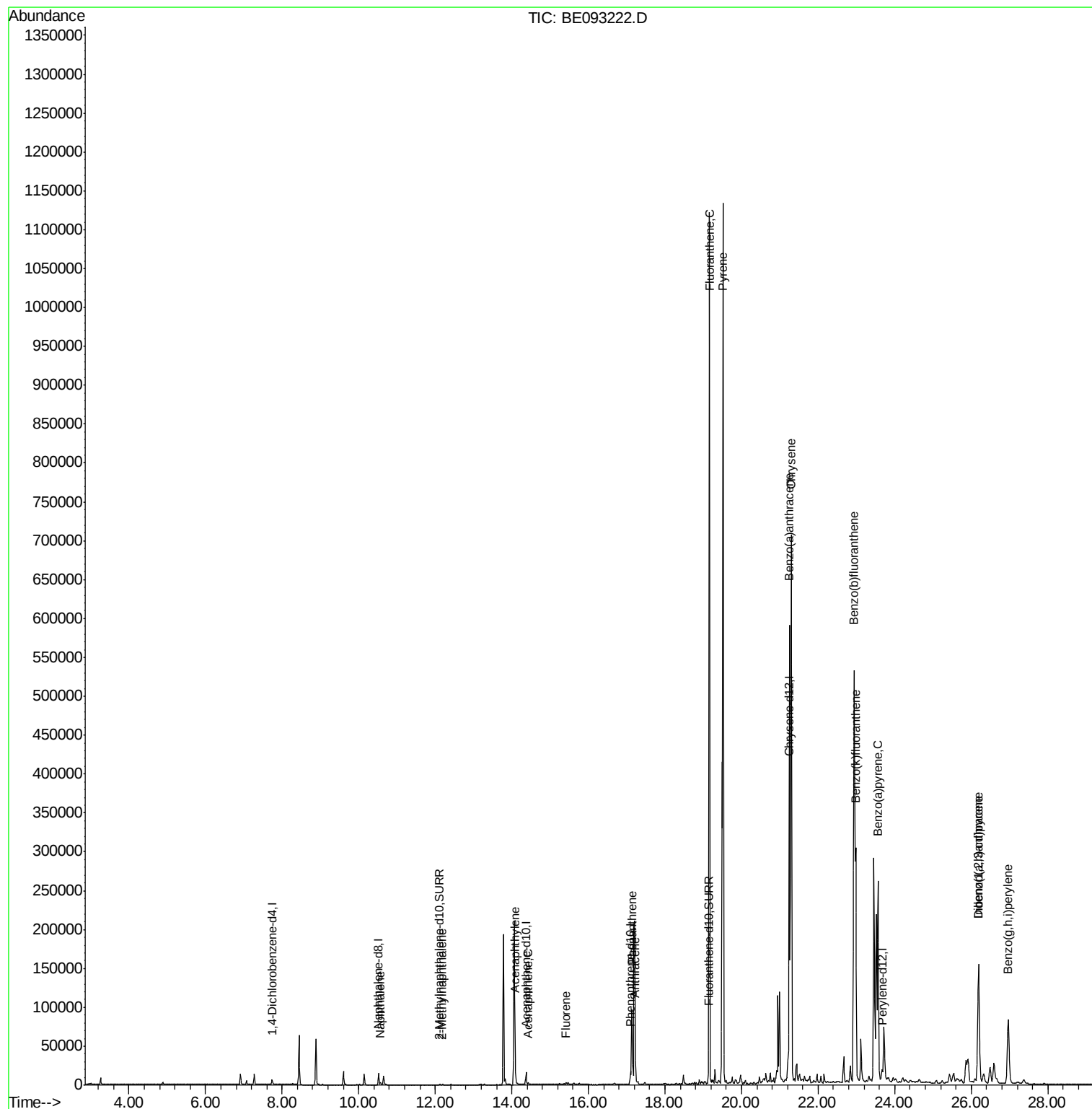
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
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ALS Vial : 17 Sample Multiplier: 1

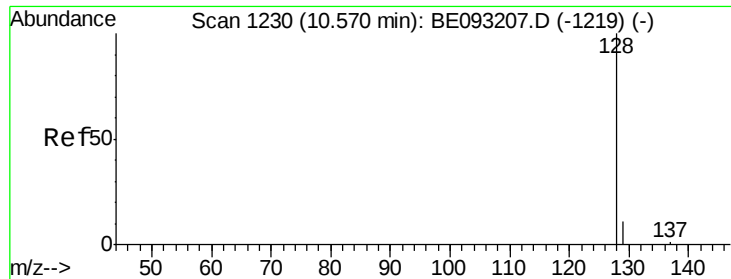
Instrument :
BNA_E
ClientSampleId :
F5B47DL

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Quant Time: Jun 16 05:33:58 2017
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QLast Update : Fri Jun 16 04:43:11 2017
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#3

Naphthalene

Concen: 0.115 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

Instrument :

BNA_E

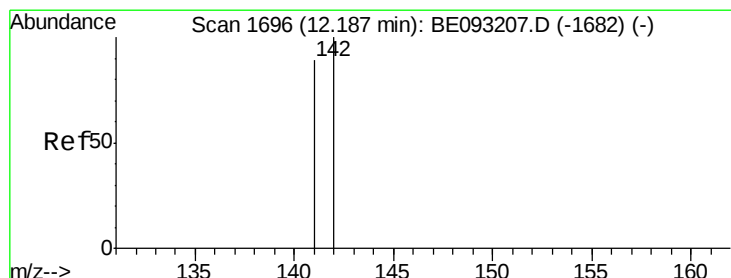
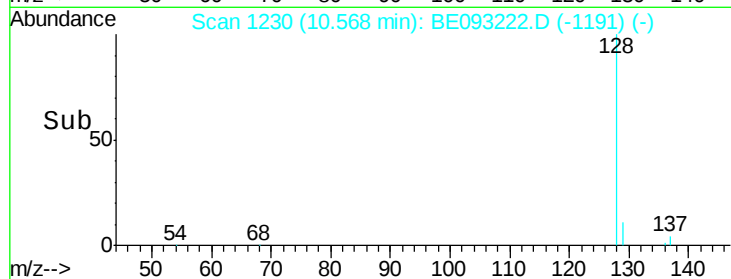
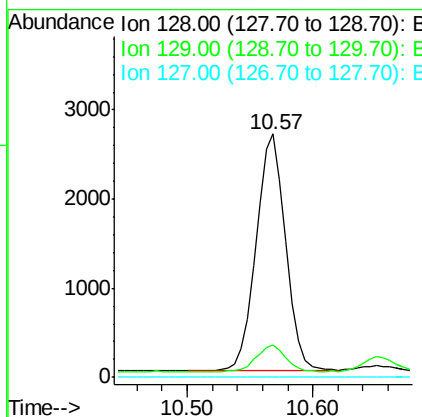
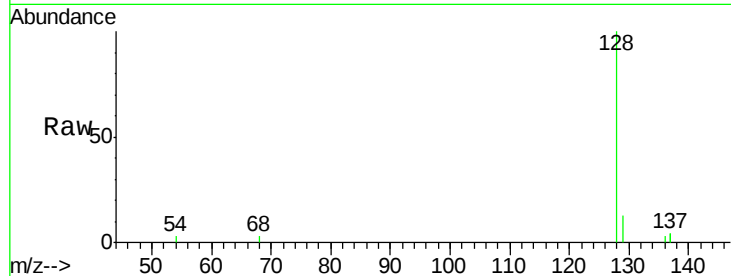
ClientSampleId :

F5B47DL

Tgt Ion:	128	Resp:	4352
Ion Ratio	Lower	Upper	
128	100		
129	13.1	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.041 ng/ul

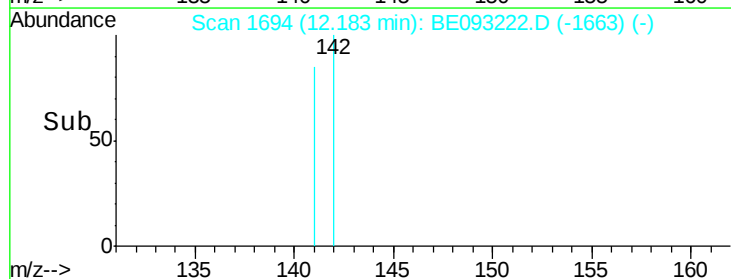
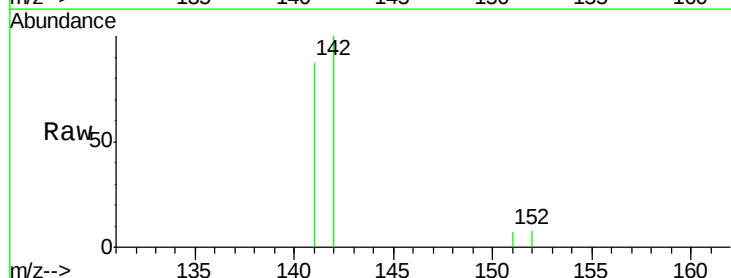
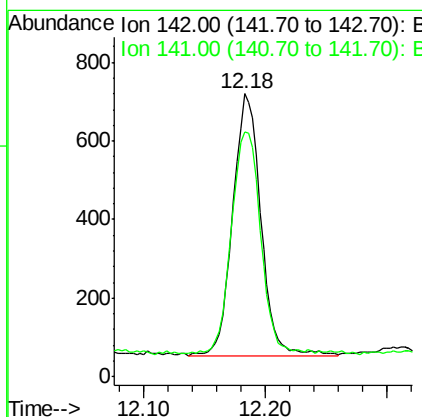
RT: 12.18 min Scan# 1694

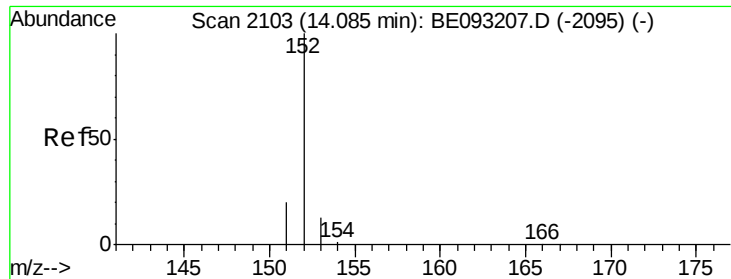
Delta R.T. -0.00 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

Tgt Ion:	142	Resp:	1068
Ion Ratio	Lower	Upper	
142	100		
141	87.5	72.6	108.8





#7

Acenaphthylene

Concen: 1.189 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

Instrument :

BNA_E

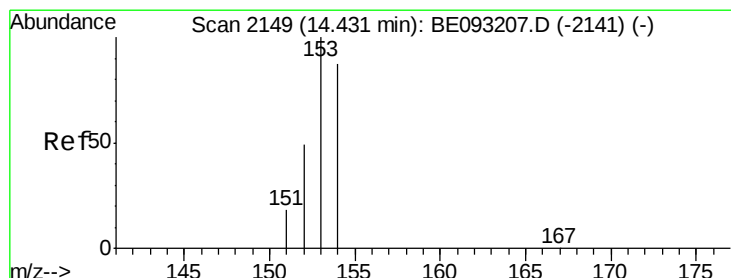
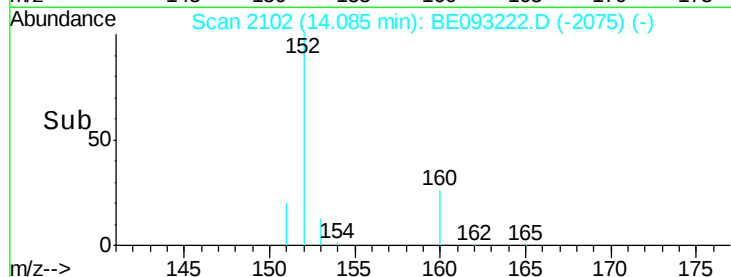
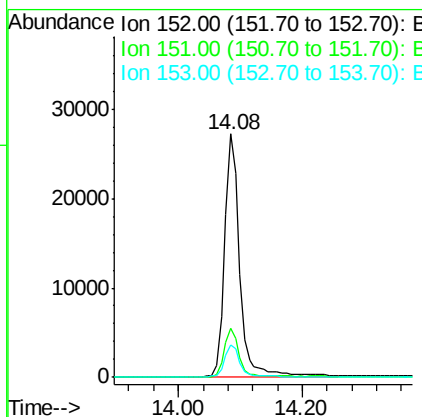
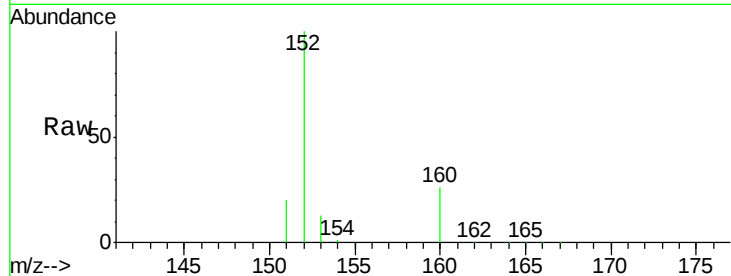
ClientSampleId :

F5B47DL

Tgt Ion:	152	Resp:	45761
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.1	25.7
153	13.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.045 ng/ul

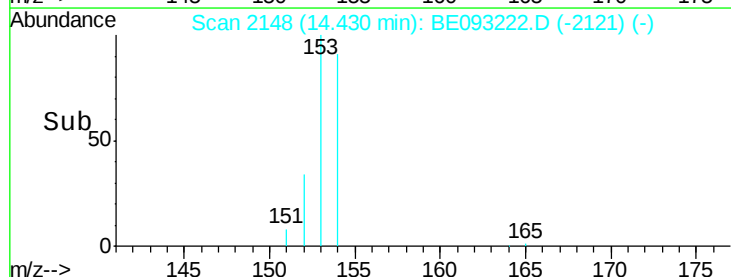
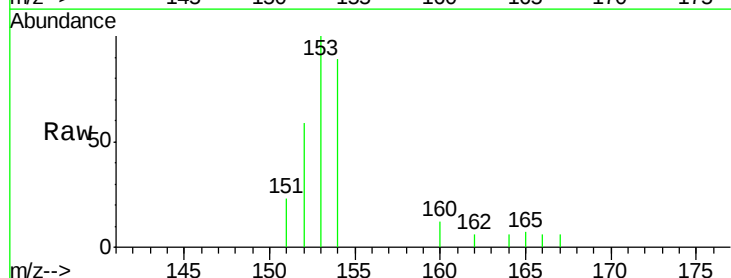
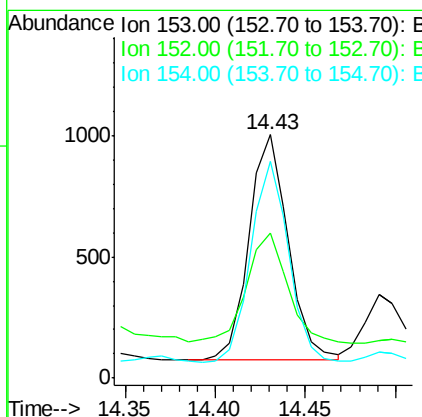
RT: 14.43 min Scan# 2148

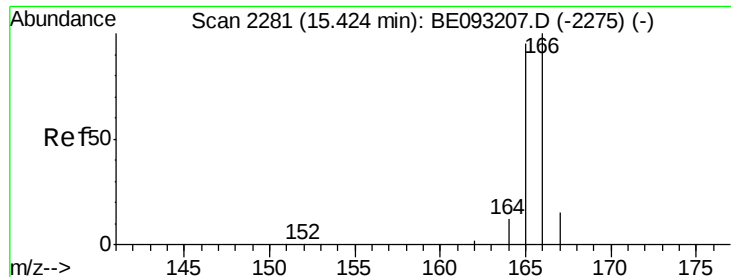
Delta R.T. -0.00 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

Tgt Ion:	153	Resp:	1409
Ion Ratio	Lower	Upper	
153	100		
152	59.5	40.3	60.5
154	88.8	71.4	107.2





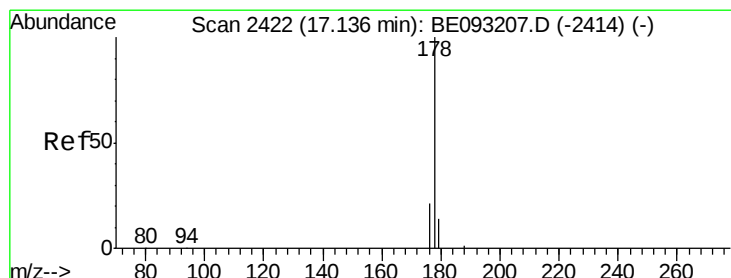
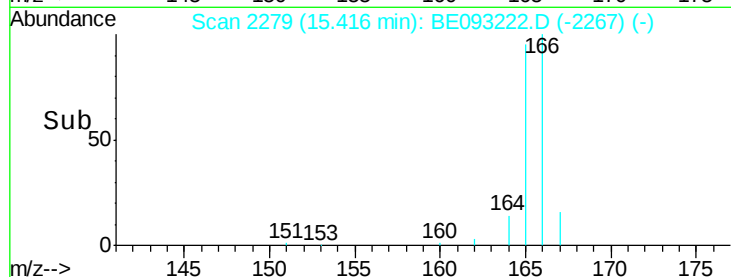
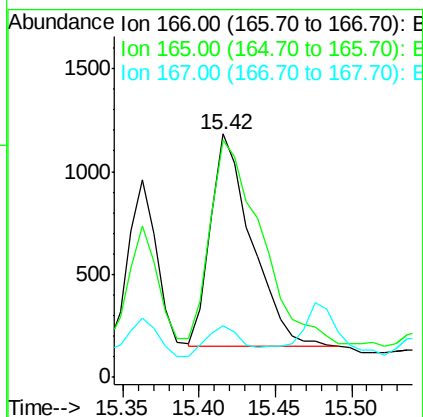
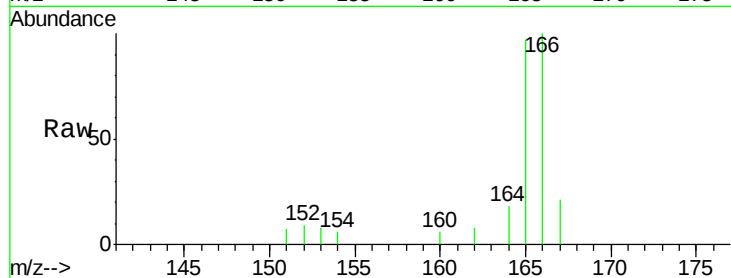
#9
Fluorene
 Concen: 0.053 ng/ul
 RT: 15.42 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE093222.D
 Acq: 15 Jun 2017 23:36

Instrument :
 BNA_E
 ClientSampleId :
 F5B47DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	73.4	110.2
167	21.1	14.6	22.0

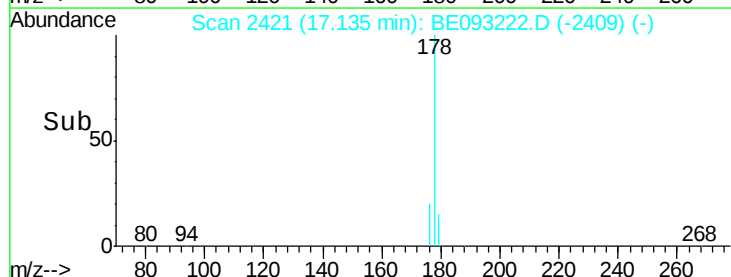
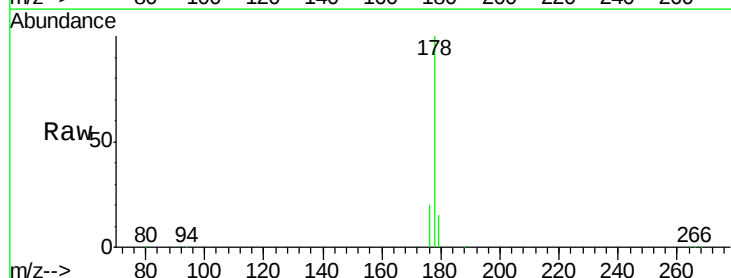
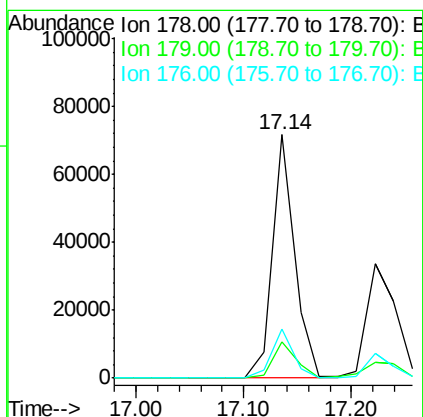
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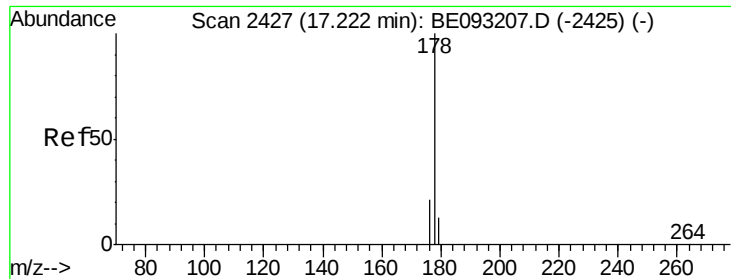
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#12
Phenanthrene
 Concen: 1.790 ng/ul
 RT: 17.14 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BE093222.D
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	18.4	27.6#
176	20.2	13.6	20.4





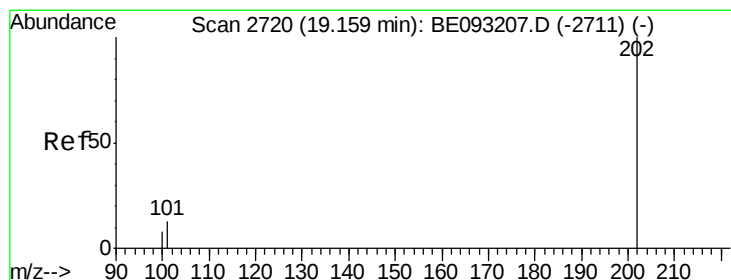
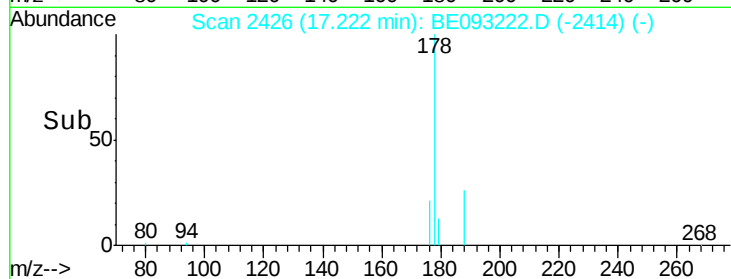
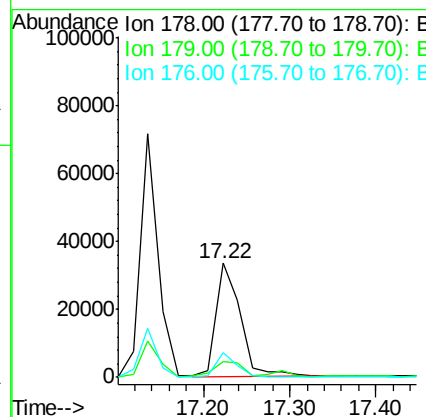
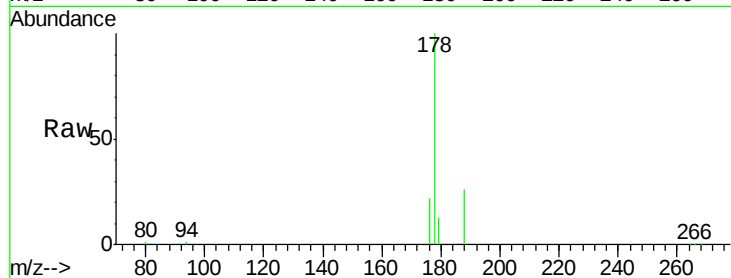
#13
 Anthracene
 Concen: 1.291 ng/ul
 RT: 17.22 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BE093222.D
 Acq: 15 Jun 2017 23:36

Instrument :
 BNA_E
 ClientSampleId :
 F5B47DL

Tgt Ion:178 Resp: 64737
 Ion Ratio Lower Upper
 178 100
 179 13.4 18.1 27.1#
 176 21.5 14.7 22.1

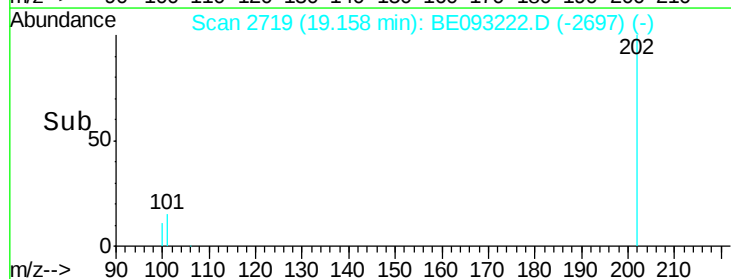
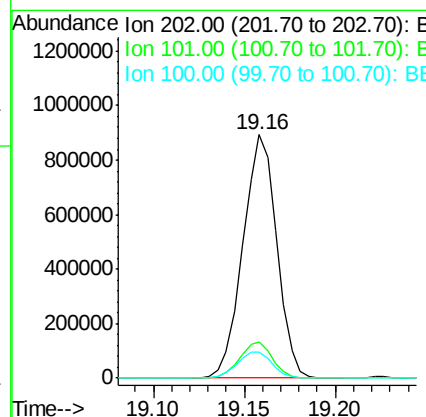
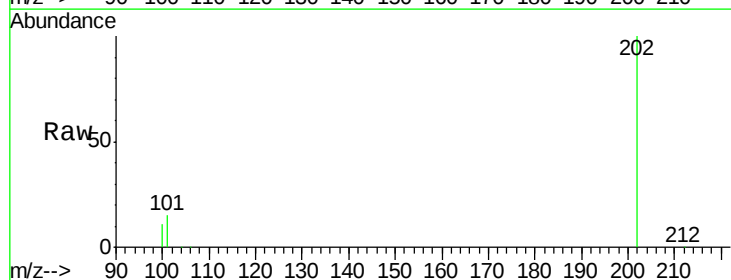
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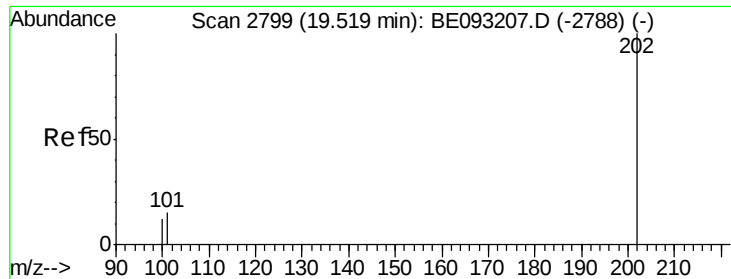
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#15
 Fluoranthene
 Concen: 16.424 ng/ul
 RT: 19.16 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BE093222.D
 Acq: 15 Jun 2017 23:36

Tgt Ion:202 Resp: 1160379
 Ion Ratio Lower Upper
 202 100
 101 14.7 0.0 30.3
 100 10.9 0.0 39.5





#17

Pyrene

Concen: 17.084 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

Instrument :

BNA_E

ClientSampleId :

F5B47DL

Tgt Ion:202 Resp: 1152466

Ion Ratio Lower Upper

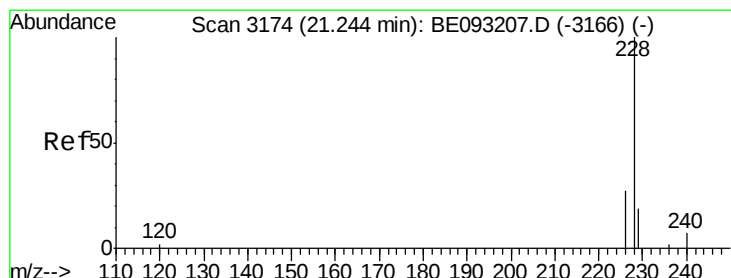
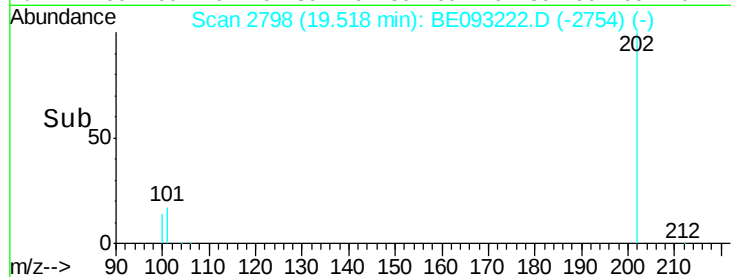
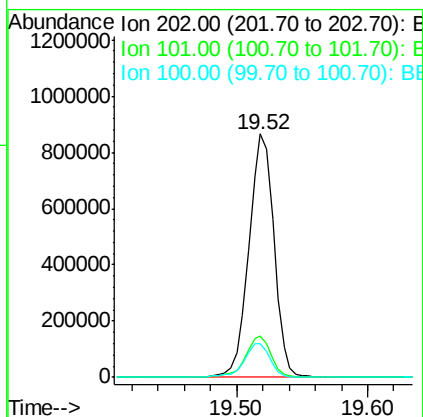
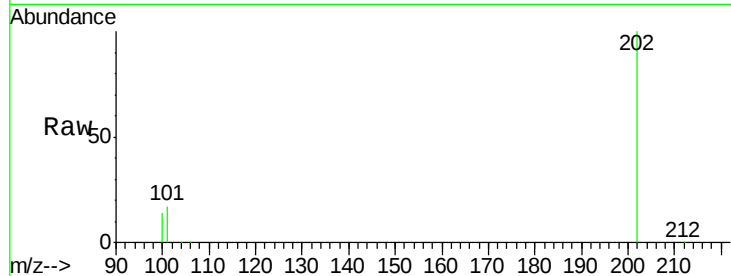
202 100

101 16.8 18.2 27.4#

100 13.7 15.6 23.4#

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#18

Benzo(a)anthracene

Concen: 8.204 ng/ul

RT: 21.25 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

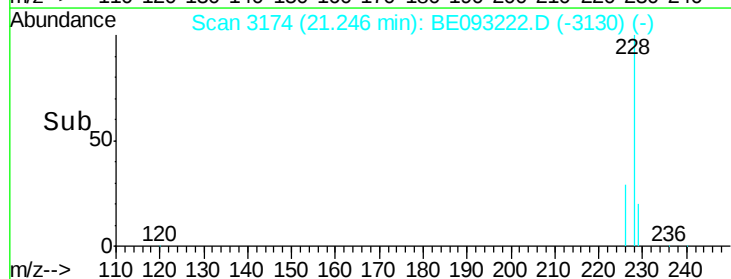
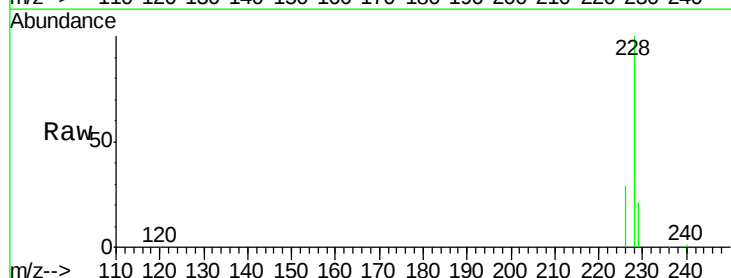
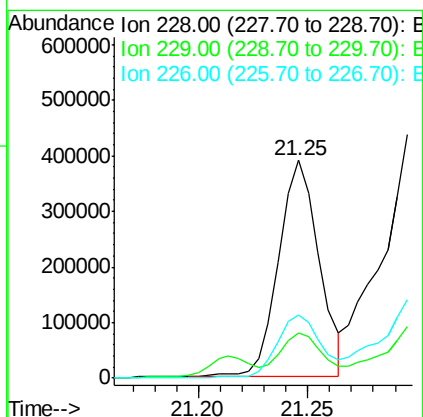
Tgt Ion:228 Resp: 500570

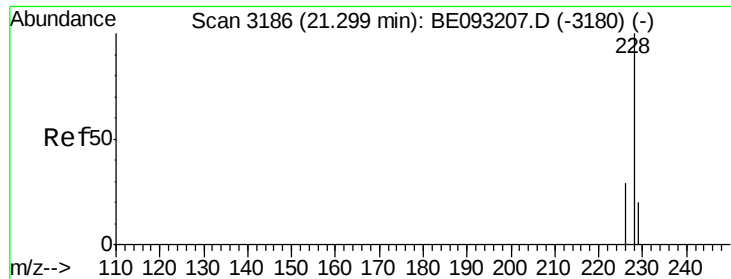
Ion Ratio Lower Upper

228 100

229 20.9 22.8 34.2#

226 29.1 17.0 25.6#





#19

Chrysene

Concen: 11.904 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

Instrument :

BNA_E

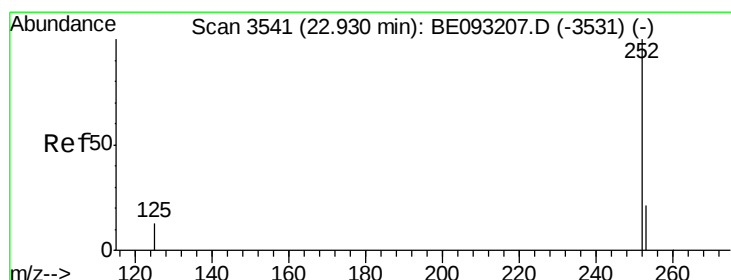
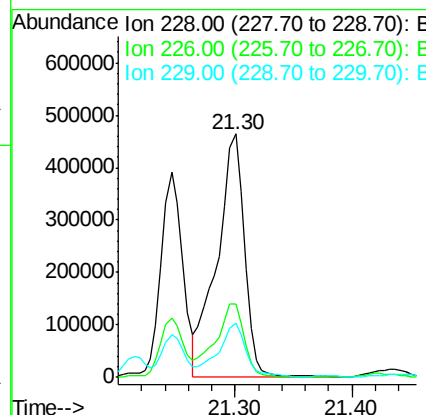
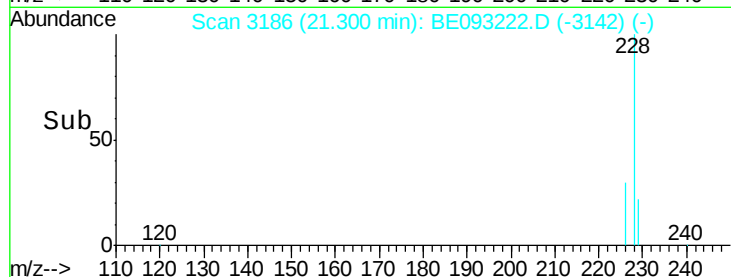
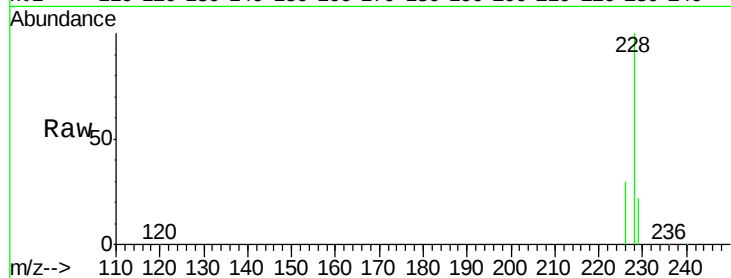
ClientSampleId :

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Tgt	Ion	228	Resp	753440
	Ion	Ratio	Lower	Upper
	228	100		
	226	30.1	23.4	35.0
	229	22.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 16.584 ng/ul m

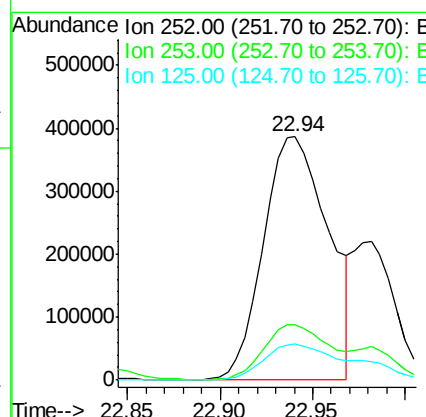
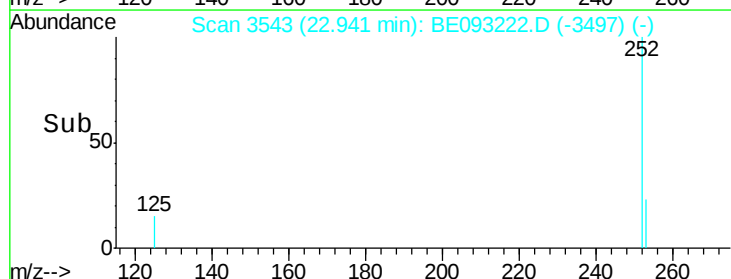
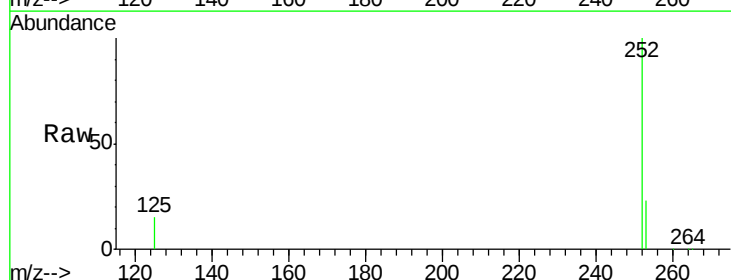
RT: 22.94 min Scan# 3543

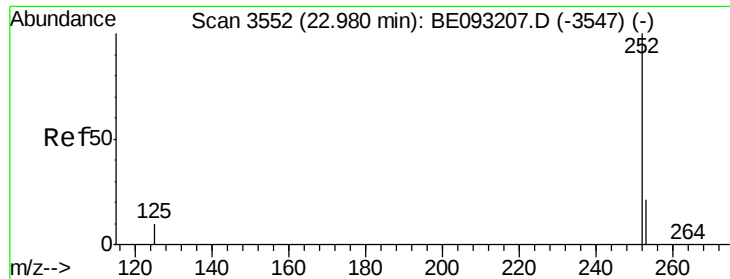
Delta R.T. 0.01 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

Tgt	Ion	252	Resp	942364
	Ion	Ratio	Lower	Upper
	252	100		
	253	23.0	0.0	64.2
	125	14.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 5.751 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

Instrument :

BNA_E

ClientSampleId :

F5B47DL

Tgt Ion:252 Resp: 347108
Ion Ratio Lower Upper

252 100

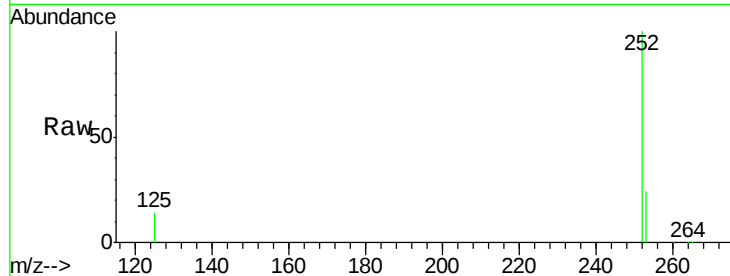
253 23.9 24.5 36.7#

125 13.7 13.7 20.5#

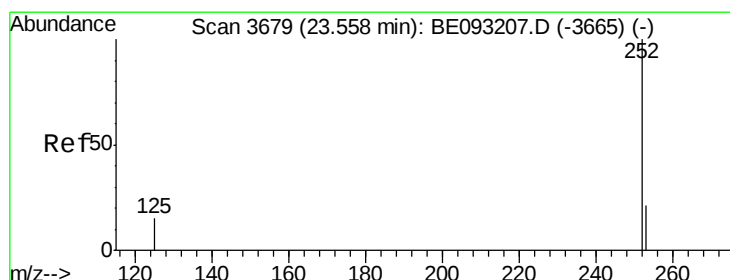
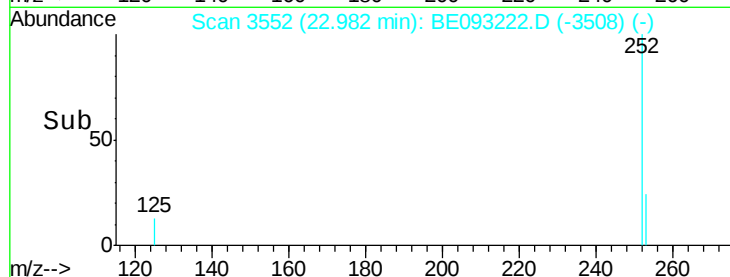
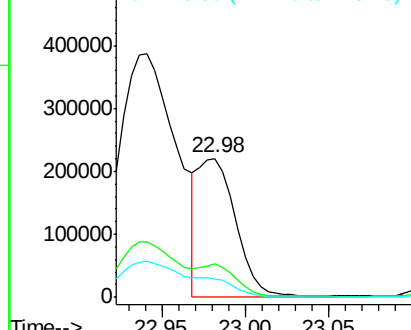
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 6.912 ng/ul

RT: 23.56 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BE093222.D

Acq: 15 Jun 2017 23:36

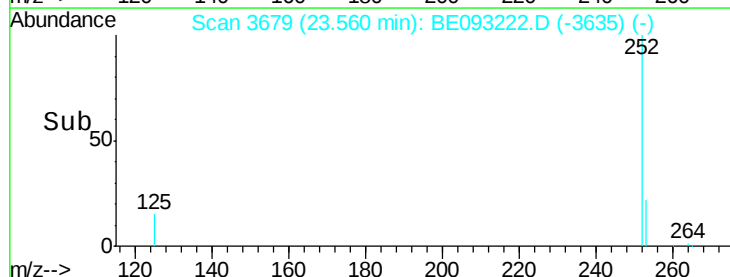
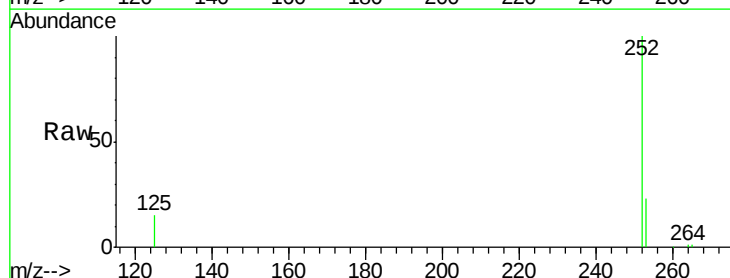
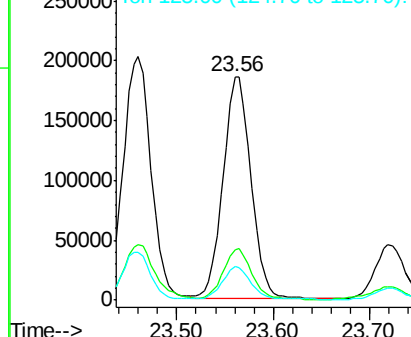
Tgt Ion:252 Resp: 371368
Ion Ratio Lower Upper

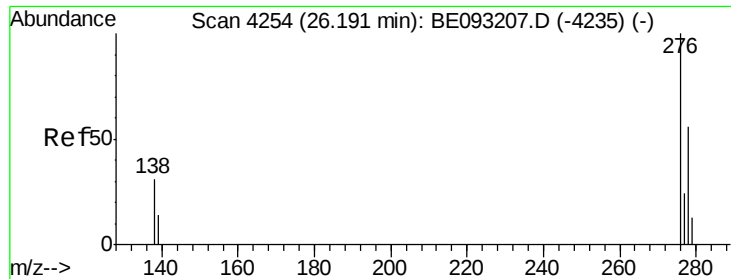
252 100

253 22.8 28.5 42.7#

125 15.2 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





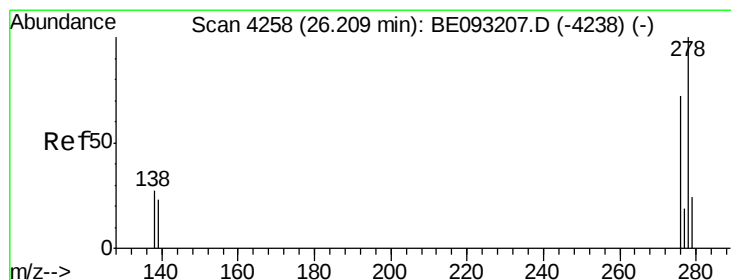
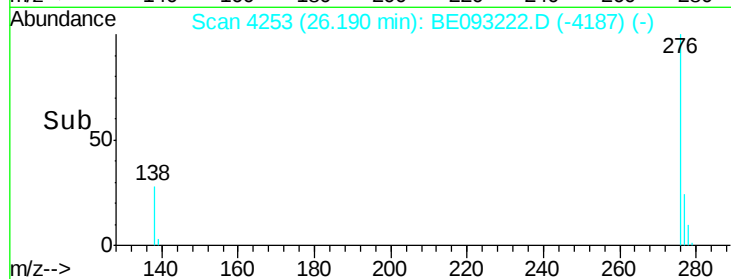
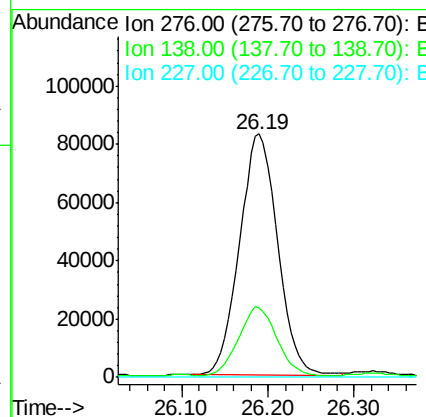
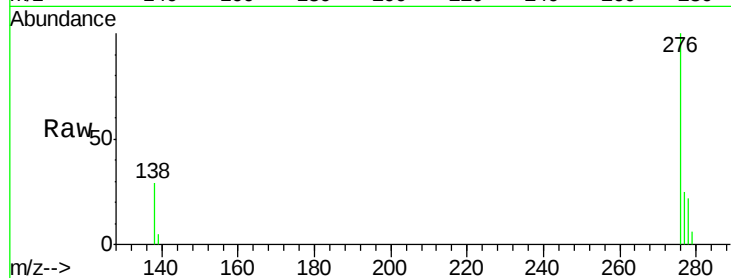
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.066 ng/u1
 RT: 26.19 min Scan# 4253
 Delta R.T. -0.00 min
 Lab File: BE093222.D
 Acq: 15 Jun 2017 23:36

Instrument :
 BNA_E
 ClientSampleId :
 F5B47DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.1	28.0	42.0
227	0.0	8.0	12.0

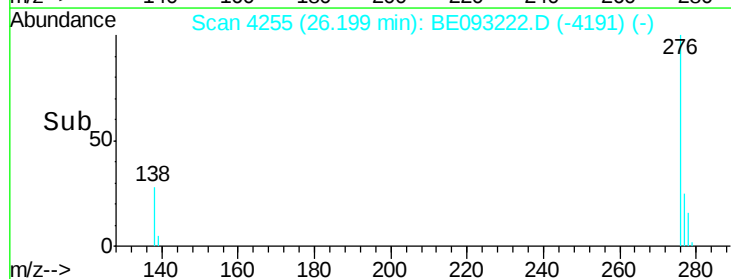
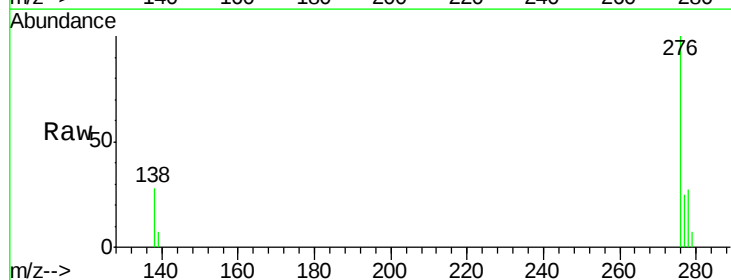
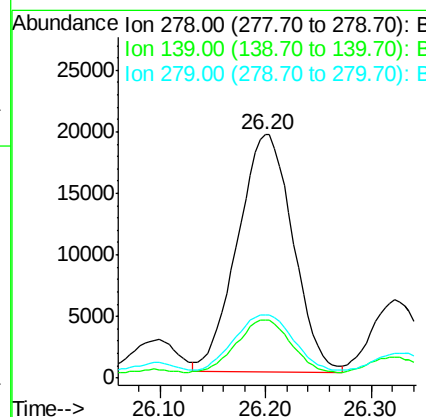
Manual Integrations
 APPROVED

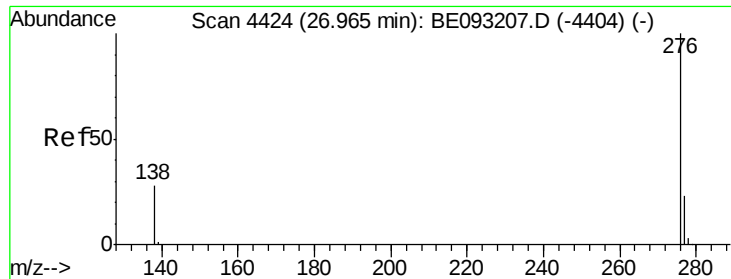
mohammad
 6/19/2017 11:07:01 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.346 ng/u1
 RT: 26.20 min Scan# 4255
 Delta R.T. -0.01 min
 Lab File: BE093222.D
 Acq: 15 Jun 2017 23:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	23.9	17.4	26.0
279	26.1	25.9	38.9





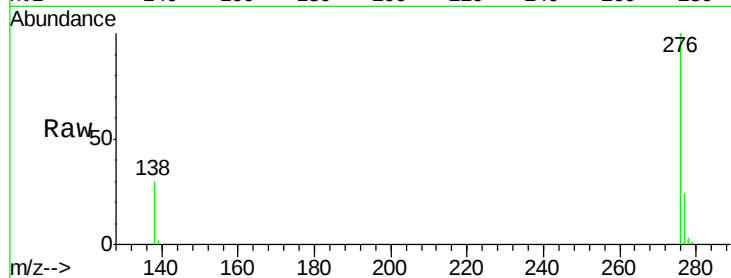
#26
 Benzo(g,h,i)perylene
 Concen: 3.381 ng/ul
 RT: 26.96 min Scan# 4423
 Delta R.T. -0.00 min
 Lab File: BE093222.D
 Acq: 15 Jun 2017 23:36

Instrument :
 BNA_E
 ClientSampleId :
 F5B47DL

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		180413		
138	29.6	21.8	32.8		
277	23.9	20.5	30.7		

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:07:01 AM



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

