

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
 Data File : BE094209.D
 Acq On : 7 Oct 2017 19:08
 Operator : SJ/JU
 Sample : I5449-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(0-1)-092617

Manual Integrations
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Quant Time: Oct 08 03:44:35 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1327	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7121	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4363	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8675m	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	8610	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7925m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3116	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	6774	0.23	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.74	128	27904	1.60	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	10274	0.91	ng/ul	98
7) Acenaphthylene	14.24	152	10603	0.62	ng/ul	99
8) Acenaphthene	14.57	153	33739	2.41	ng/ul	97
9) Fluorene	15.56	166	41308	2.52	ng/ul	92
12) Phenanthrene	17.29	178	800783	35.32	ng/ul#	92
13) Anthracene	17.38	178	211271	9.58	ng/ul#	91
15) Fluoranthene	19.30	202	1052937	35.35	ng/ul	84
17) Pyrene	19.66	202	1036775	43.28	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	549219	24.04	ng/ul#	87
19) Chrysene	21.45	228	507821	19.25	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	565202m	26.25	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	157249m	6.32	ng/ul	
23) Benzo(a)pyrene	23.82	252	434457m	19.42	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	256811m	11.22	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	70259m	3.66	ng/ul	
26) Benzo(g,h,i)perylene	27.42	276	219844m	11.14	ng/ul	

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

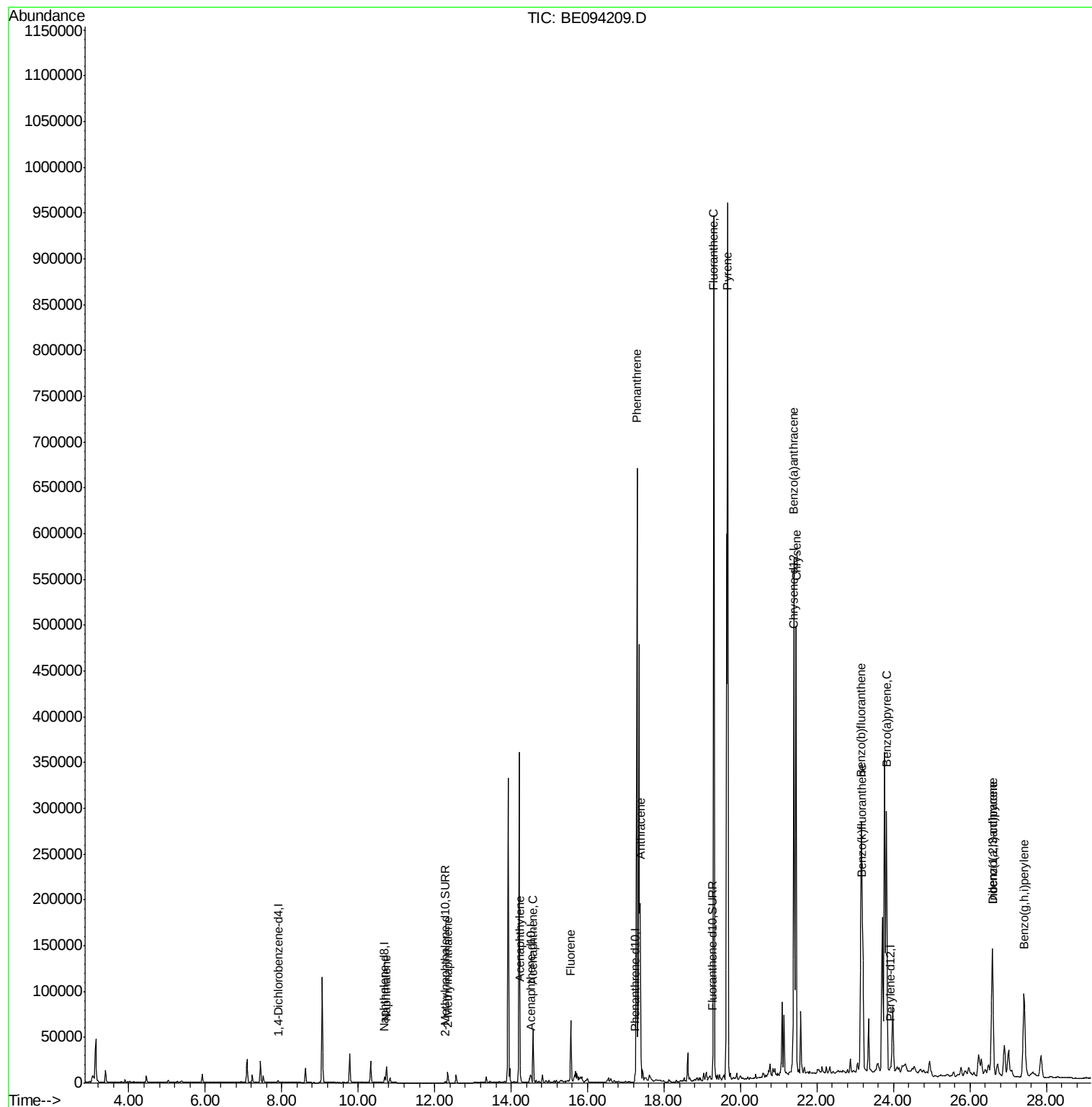
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
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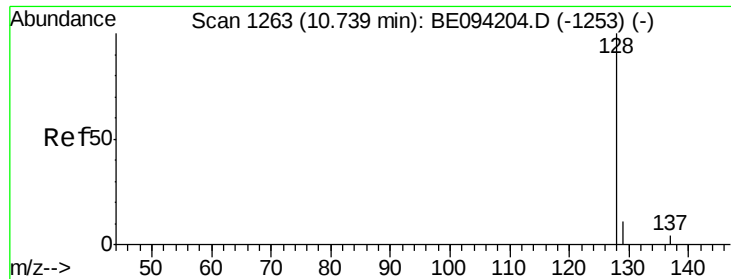
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#3

Naphthalene

Concen: 1.60 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094209.D

Acq: 7 Oct 2017 19:08

Instrument :

BNA_E

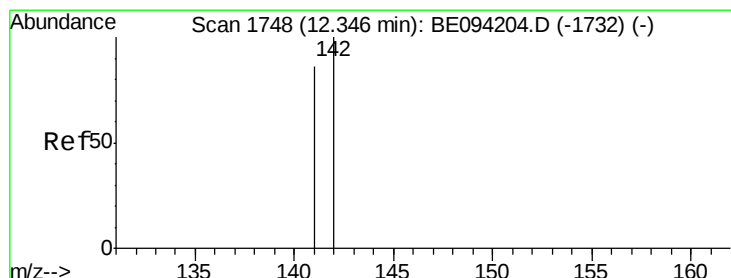
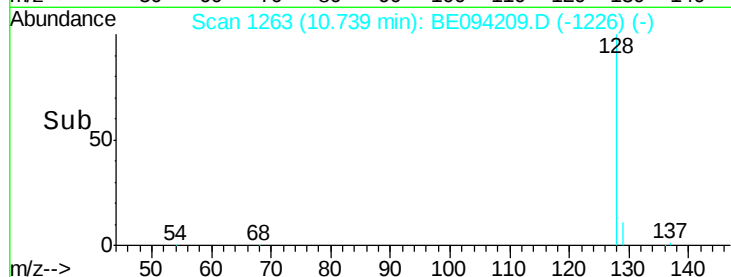
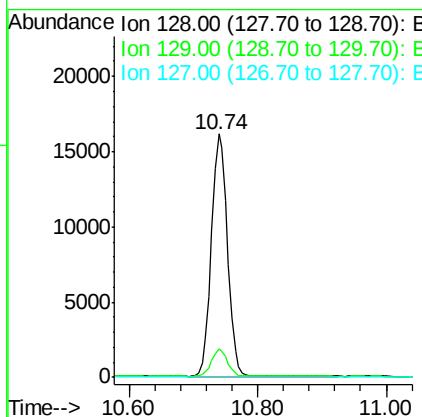
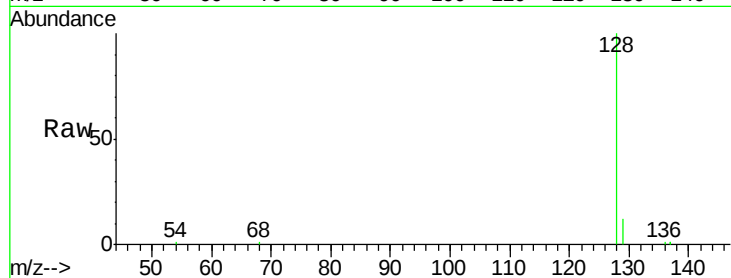
ClientSampleId :

B-60(0-1)-092617

Tgt Ion:	128	Resp:	27904
Ion Ratio	Lower	Upper	
128	100		
129	11.6	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.91 ng/ul

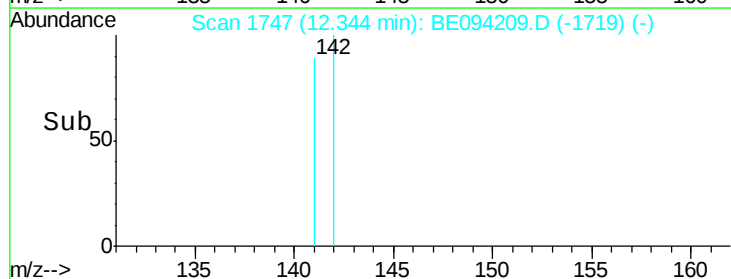
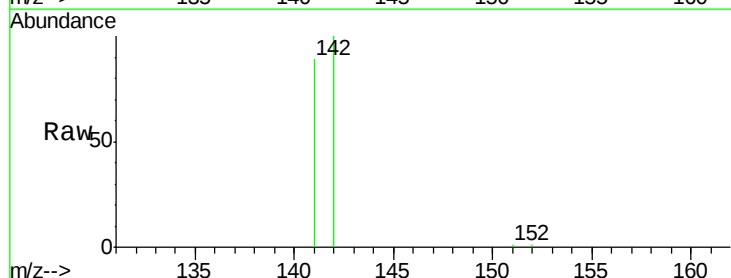
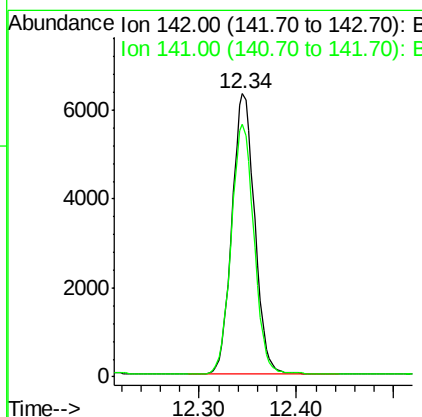
RT: 12.34 min Scan# 1747

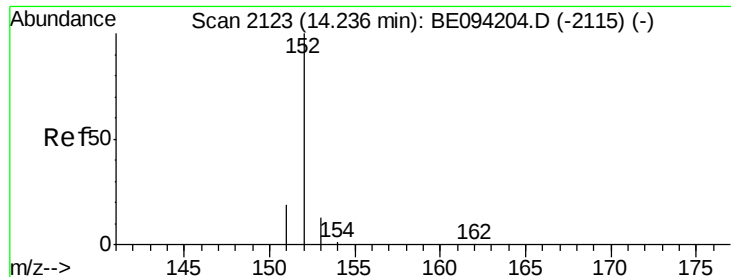
Delta R.T. -0.01 min

Lab File: BE094209.D

Acq: 7 Oct 2017 19:08

Tgt Ion:	142	Resp:	10274
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.62 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094209.D

Acq: 7 Oct 2017 19:08

Instrument :

BNA_E

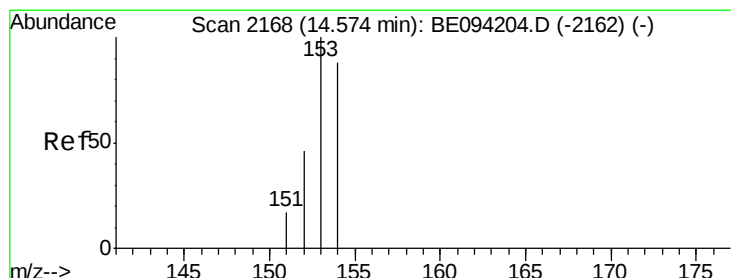
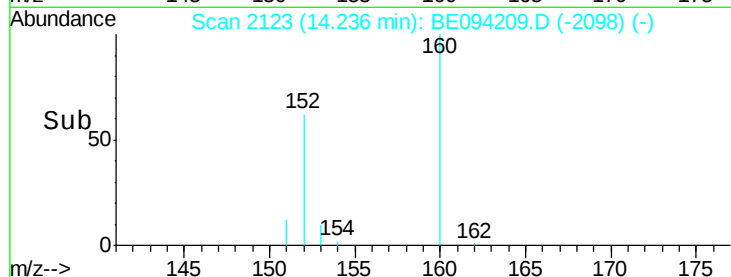
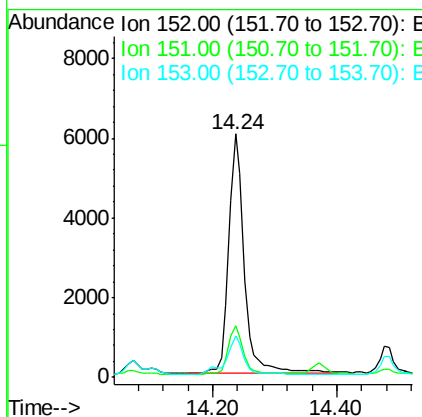
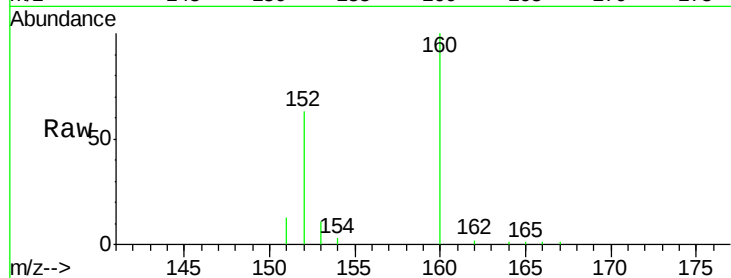
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Tgt Ion:	152	Resp:	10603
Ion Ratio		Lower	Upper
152	100		
151	21.1	17.1	25.7
153	16.9	12.8	19.2

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#8

Acenaphthene

Concen: 2.41 ng/ul

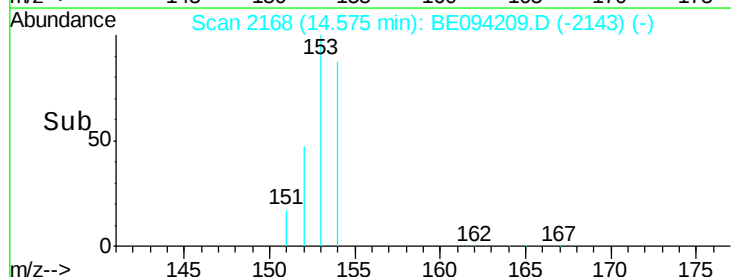
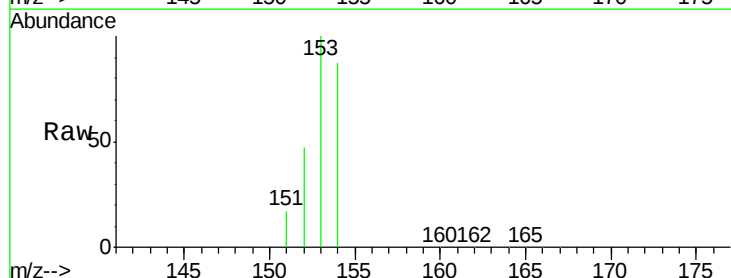
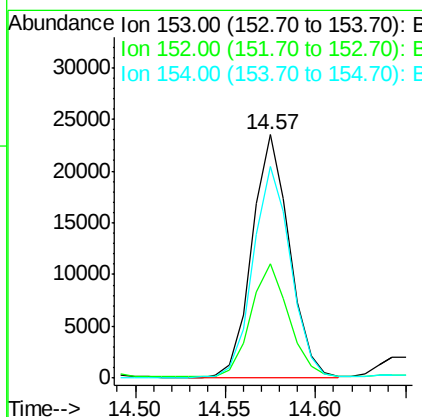
RT: 14.57 min Scan# 2168

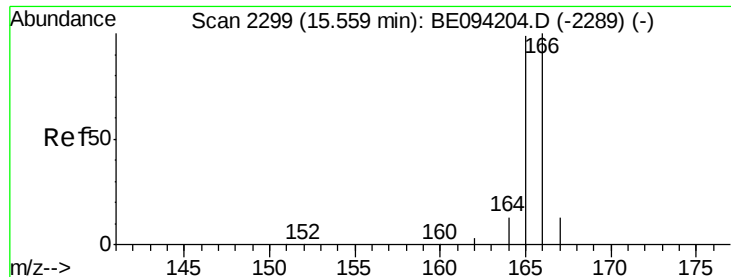
Delta R.T. -0.01 min

Lab File: BE094209.D

Acq: 7 Oct 2017 19:08

Tgt Ion:	153	Resp:	33739
Ion Ratio		Lower	Upper
153	100		
152	47.0	40.3	60.5
154	86.8	71.4	107.2





#9

Fluorene

Concen: 2.52 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094209.D

Acq: 7 Oct 2017 19:08

Instrument :

BNA_E

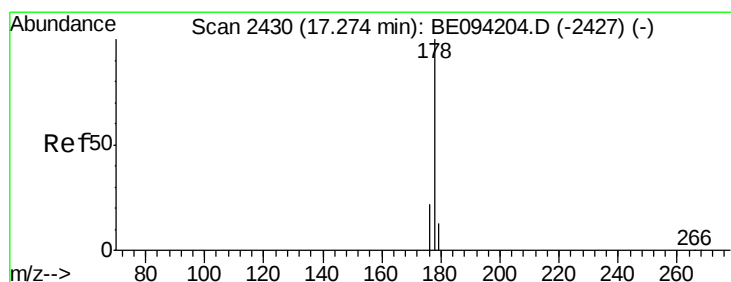
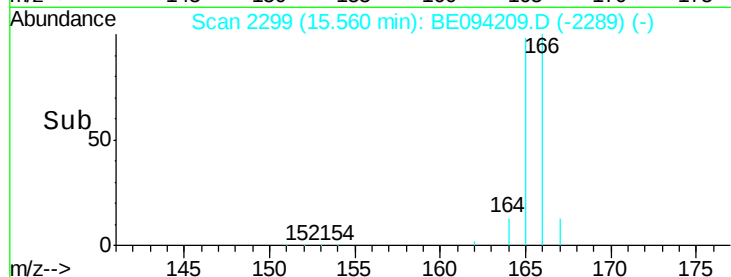
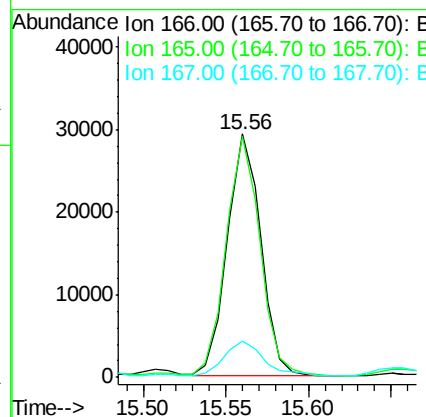
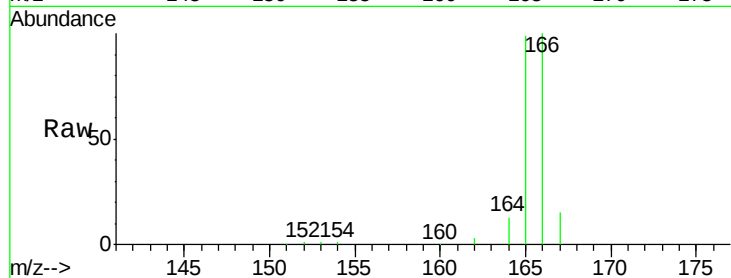
ClientSampleId :

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Tgt Ion:	166	Resp:	41308
Ion Ratio	Lower	Upper	
166	100		
165	99.0	73.4	110.2
167	14.7	14.6	22.0

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#12

Phenanthrene

Concen: 35.32 ng/ul

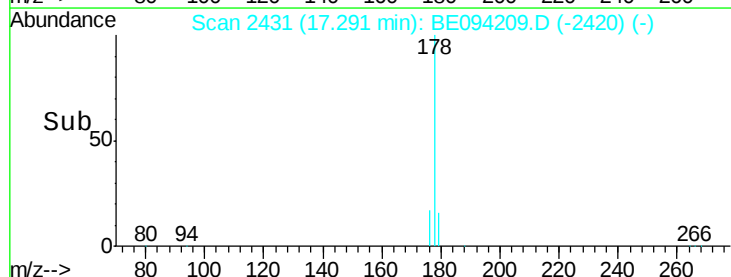
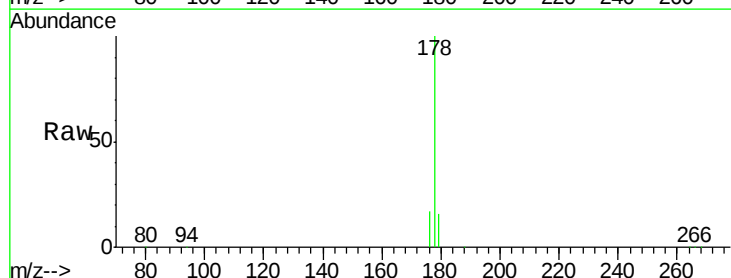
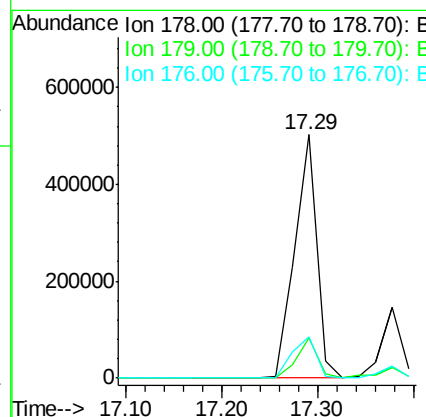
RT: 17.29 min Scan# 2431

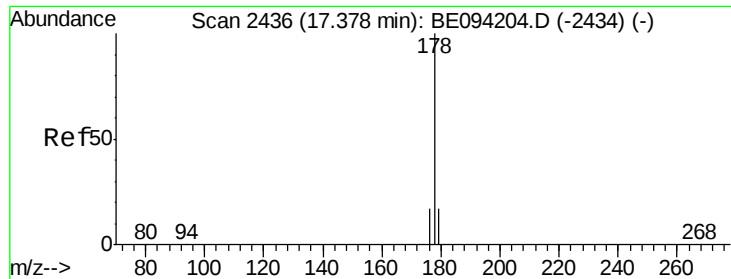
Delta R.T. -0.02 min

Lab File: BE094209.D

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Tgt Ion:	178	Resp:	800783
Ion Ratio	Lower	Upper	
178	100		
179	16.4	18.4	27.6#
176	17.1	13.6	20.4





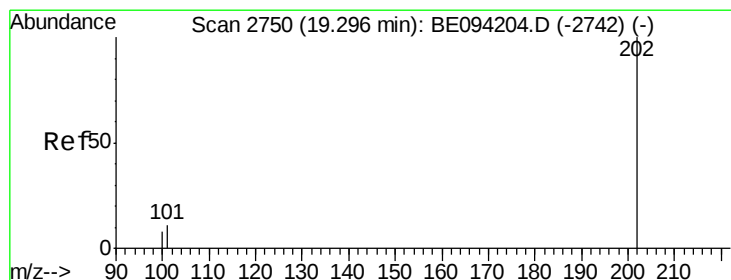
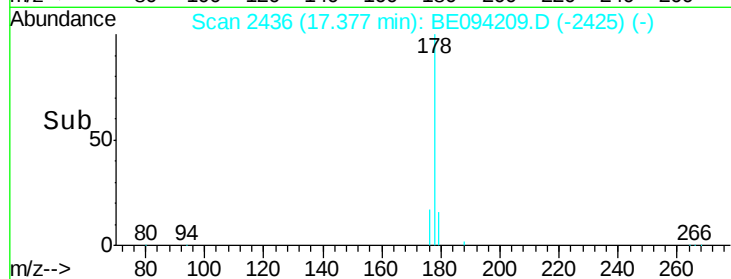
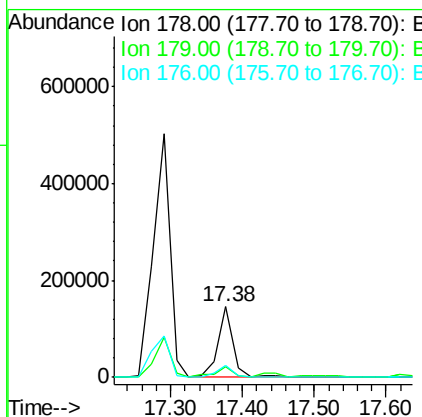
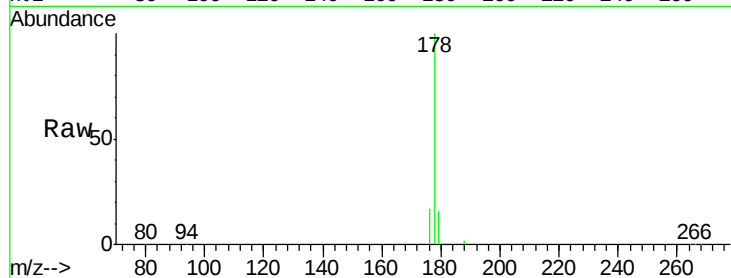
#13
 Anthracene
 Concen: 9.58 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094209.D
 Acq: 7 Oct 2017 19:08

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	17.2	14.7	22.1

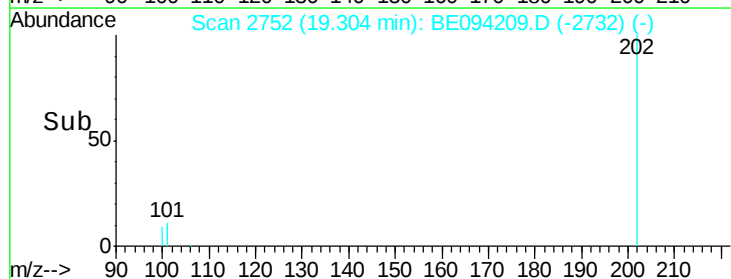
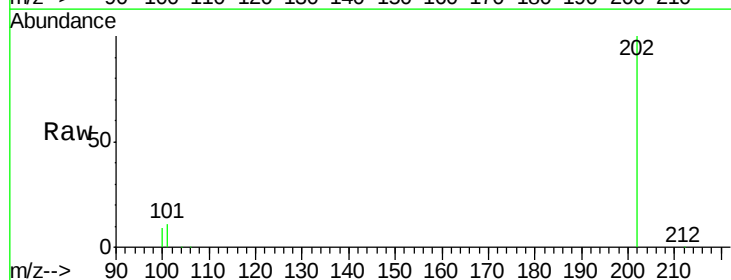
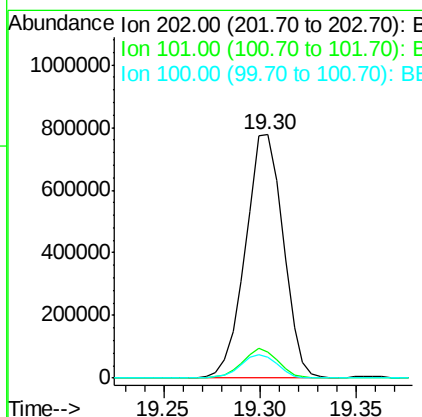
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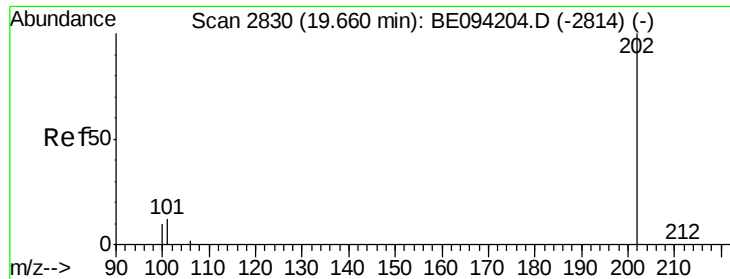
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#15
 Fluoranthene
 Concen: 35.35 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094209.D
 Acq: 7 Oct 2017 19:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.6	0.0	39.5





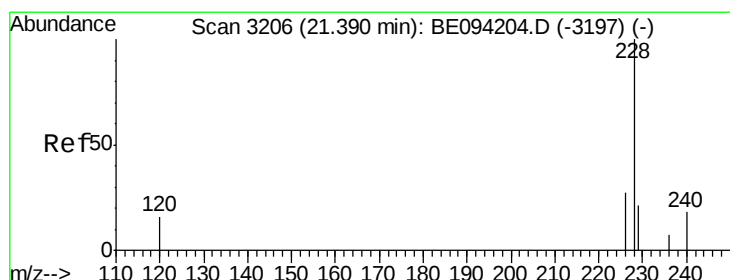
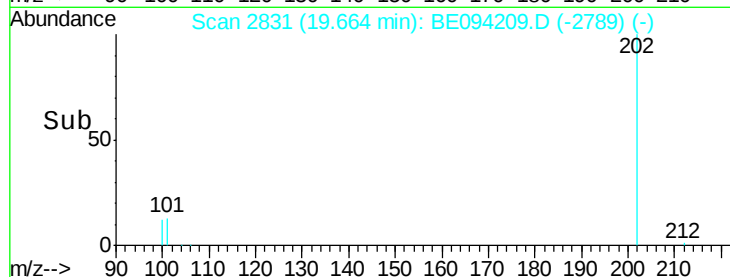
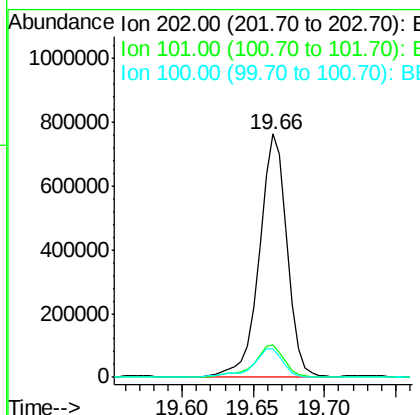
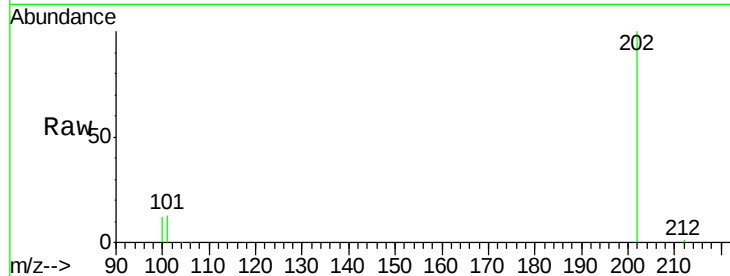
#17
Pyrene
 Concen: 43.28 ng/u1
 RT: 19.66 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094209.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.6	15.6	23.4#

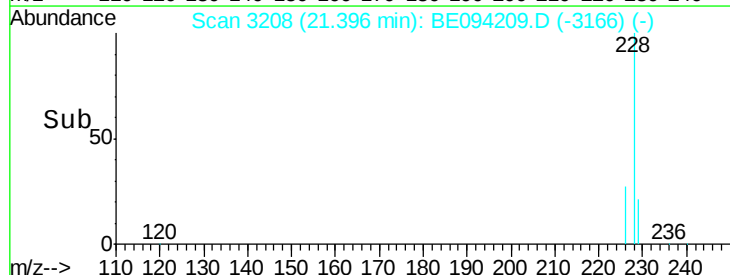
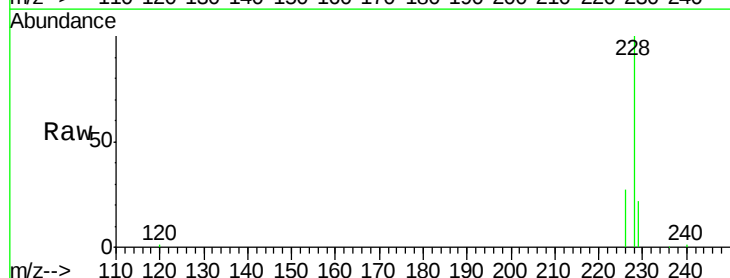
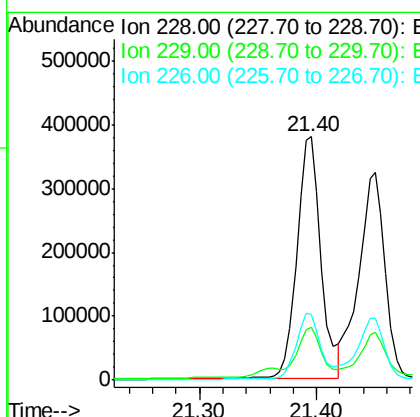
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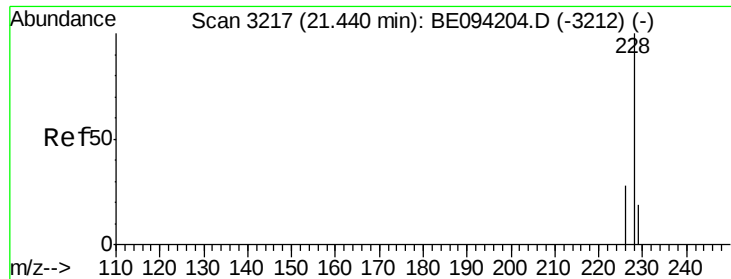
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#18
Benzo(a)anthracene
 Concen: 24.04 ng/u1
 RT: 21.40 min Scan# 3208
 Delta R.T. -0.01 min
 Lab File: BE094209.D
 Acq: 7 Oct 2017 19:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	27.2	17.0	25.6#





#19

Chrysene

Concen: 19.25 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE094209.D

Acq: 7 Oct 2017 19:08

Instrument :

BNA_E

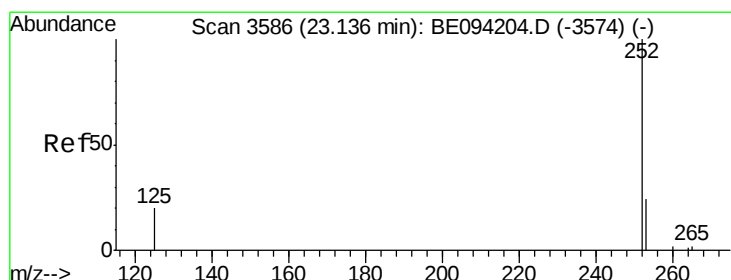
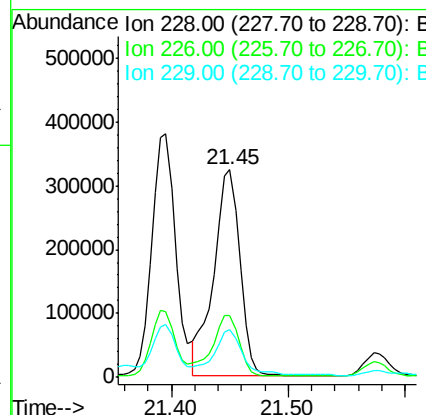
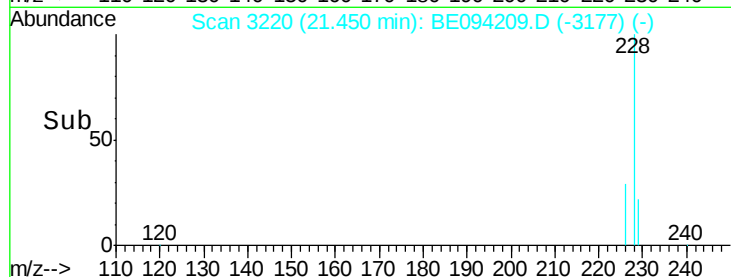
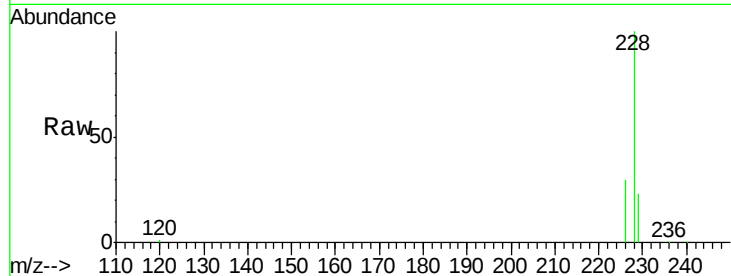
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Tgt Ion:	228	Resp:	507821
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.0
229	22.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 26.25 ng/ul m

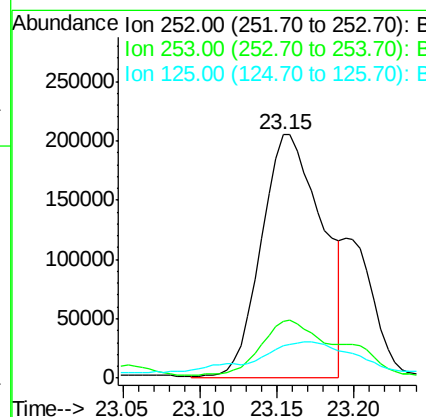
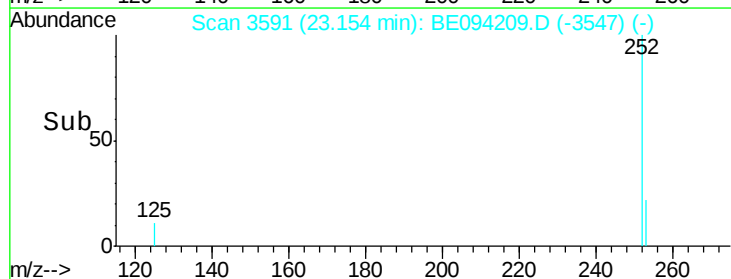
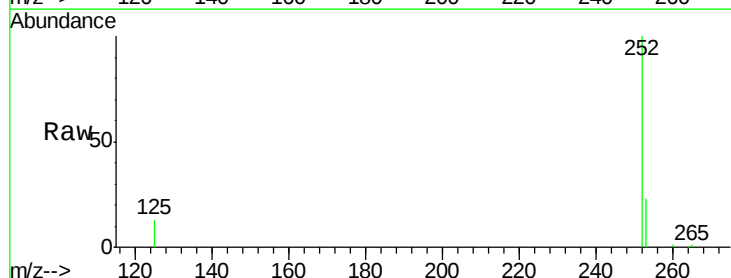
RT: 23.15 min Scan# 3591

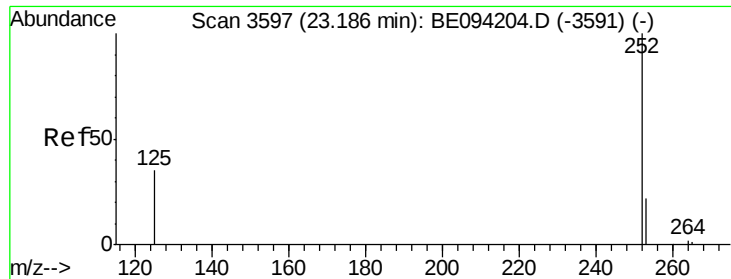
Delta R.T. 0.00 min

Lab File: BE094209.D

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Tgt Ion:	252	Resp:	565202
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	13.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 6.32 ng/ul m

RT: 23.19 min Scan# 3600

Delta R.T. -0.01 min

Lab File: BE094209.D

Acq: 7 Oct 2017 19:08

Instrument :

BNA_E

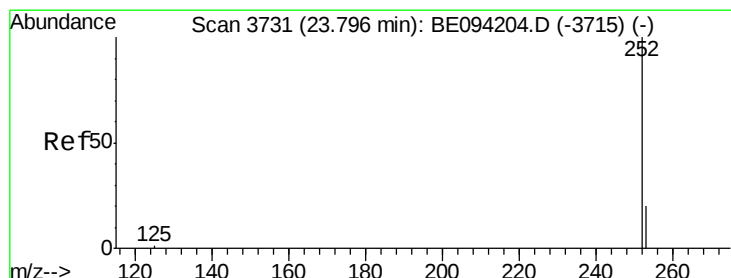
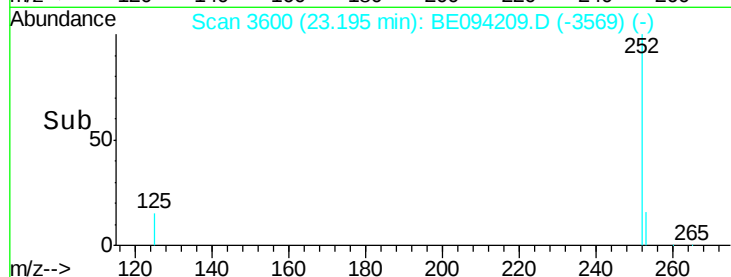
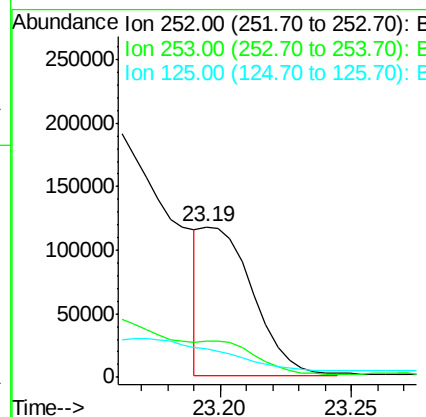
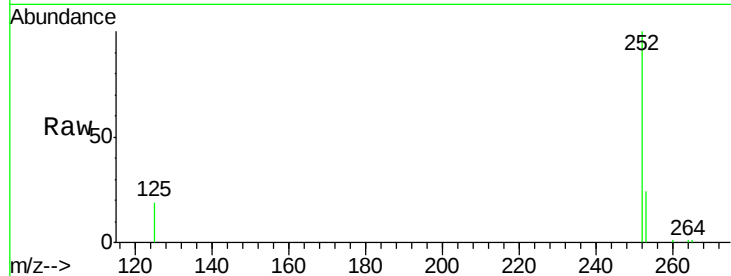
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Tgt Ion:	252	Resp:	157249
Ion Ratio	Lower	Upper	
252	100		
253	24.3	24.5	36.7#
125	18.7	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 19.42 ng/ul m

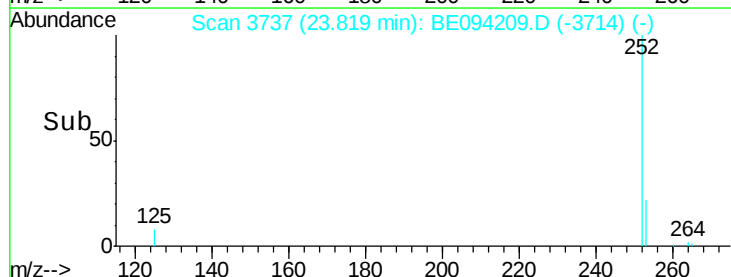
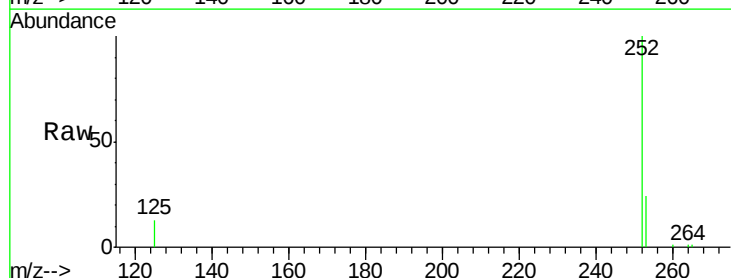
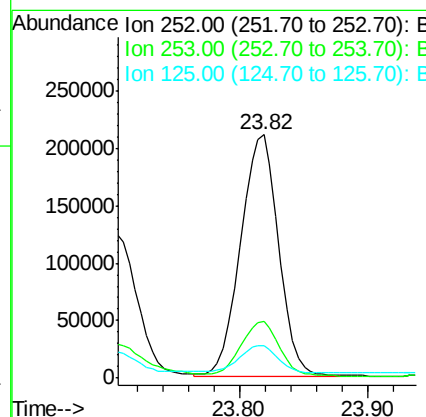
RT: 23.82 min Scan# 3737

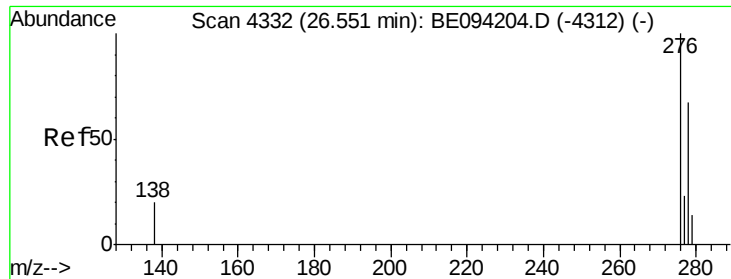
Delta R.T. 0.01 min

Lab File: BE094209.D

Acq: 7 Oct 2017 19:08

Tgt Ion:	252	Resp:	434457
Ion Ratio	Lower	Upper	
252	100		
253	23.5	28.5	42.7#
125	13.2	18.1	27.1#





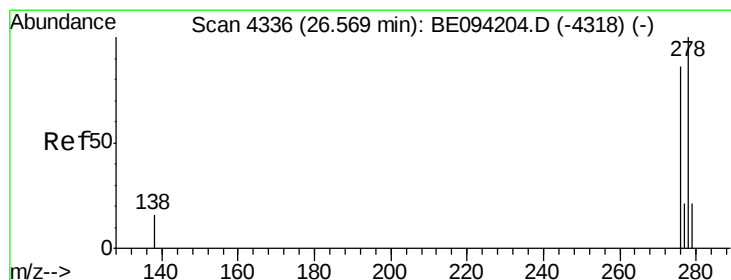
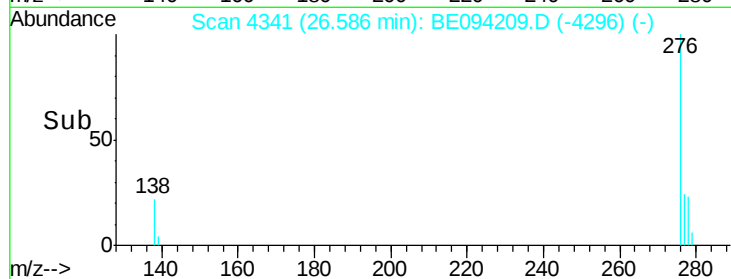
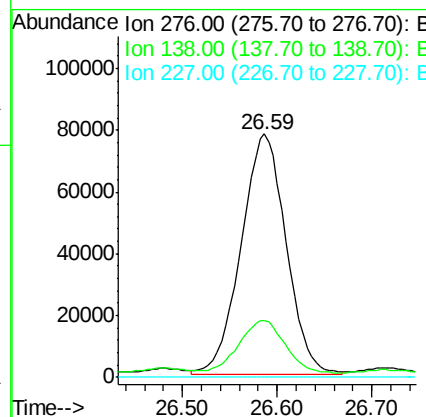
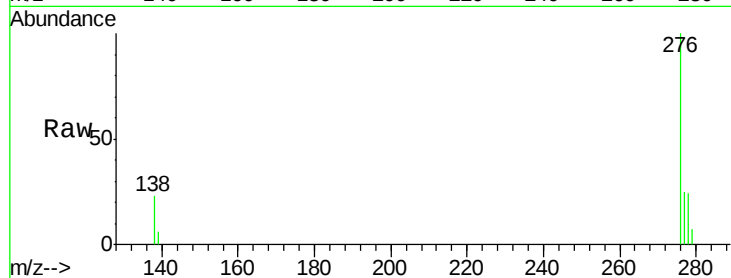
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 11.22 ng/ul m
 RT: 26.59 min Scan# 4341
 Delta R.T. 0.00 min
 Lab File: BE094209.D
 Acq: 7 Oct 2017 19:08

Instrument :
 BNA_E
 ClientSampled :
 B-60(0-1)-092617

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.8	28.0	42.0#
227	0.0	8.0	12.0#

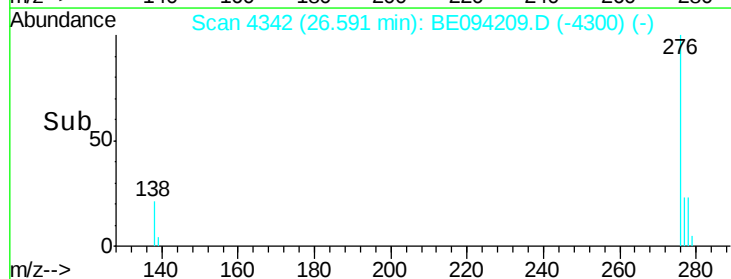
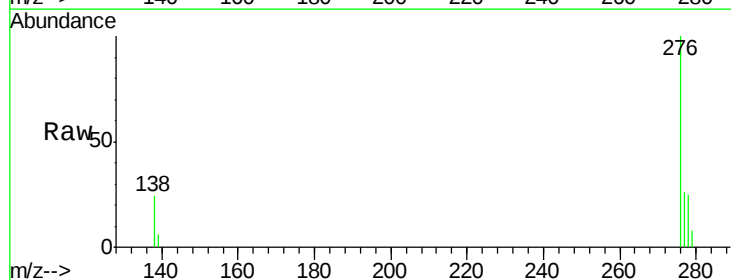
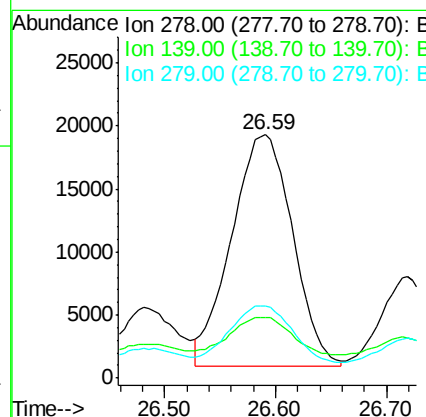
Manual Integrations
 APPROVED

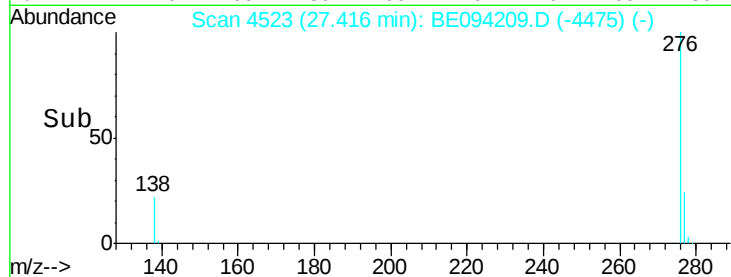
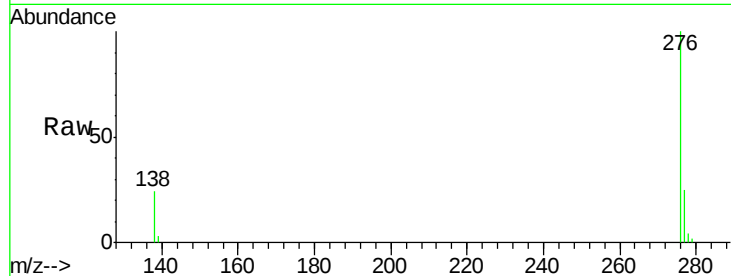
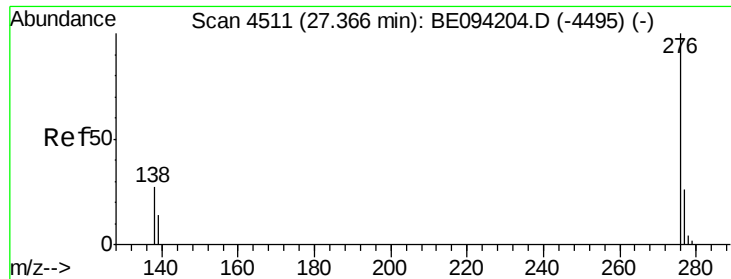
Sohil
 10/9/2017 6:53:05 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.66 ng/ul m
 RT: 26.59 min Scan# 4342
 Delta R.T. -0.01 min
 Lab File: BE094209.D
 Acq: 7 Oct 2017 19:08

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	25.0	17.4	26.0
279	29.8	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 11.14 ng/ul m

RT: 27.42 min Scan# 4523

Delta R.T. 0.02 min

Lab File: BE094209.D

Acq: 7 Oct 2017 19:08

Instrument :

BNA_E

ClientSampleId :

B-60(0-1)-092617

Tgt Ion:	276	Resp:	219844
Ion Ratio	Lower	Upper	
276	100		
138	24.0	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/9/2017 6:53:05 PM

