

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094250.D
 Acq On : 10 Oct 2017 12:27
 Operator : SJ/JU
 Sample : I5522-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD4

Manual Integrations
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Sohil
 10/11/2017 7:19:36 PM

Quant Time: Oct 11 06:47:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 06:34:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1831	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9579	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5927	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12327	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	12542	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	11742m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3684	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9281	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	941	0.040	ng/ul#	85
8) Acenaphthene	14.58	153	764	0.040	ng/ul	96
9) Fluorene	15.56	166	827	0.037	ng/ul#	89
12) Phenanthrene	17.29	178	16149	0.501	ng/ul#	92
13) Anthracene	17.38	178	3528	0.113	ng/ul	93
15) Fluoranthene	19.30	202	38191	0.902	ng/ul	84
17) Pyrene	19.66	202	35156	1.007	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	17604	0.529	ng/ul#	88
19) Chrysene	21.45	228	20219	0.526	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	25790	0.809	ng/ul	92
22) Benzo(k)fluoranthene	23.20	252	9113m	0.247	ng/ul	
23) Benzo(a)pyrene	23.81	252	16846m	0.508	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.58	276	11677m	0.344	ng/ul	
25) Dibenzo(a,h)anthracene	26.58	278	3216m	0.113	ng/ul	
26) Benzo(g,h,i)perylene	27.41	276	9593m	0.328	ng/ul	

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

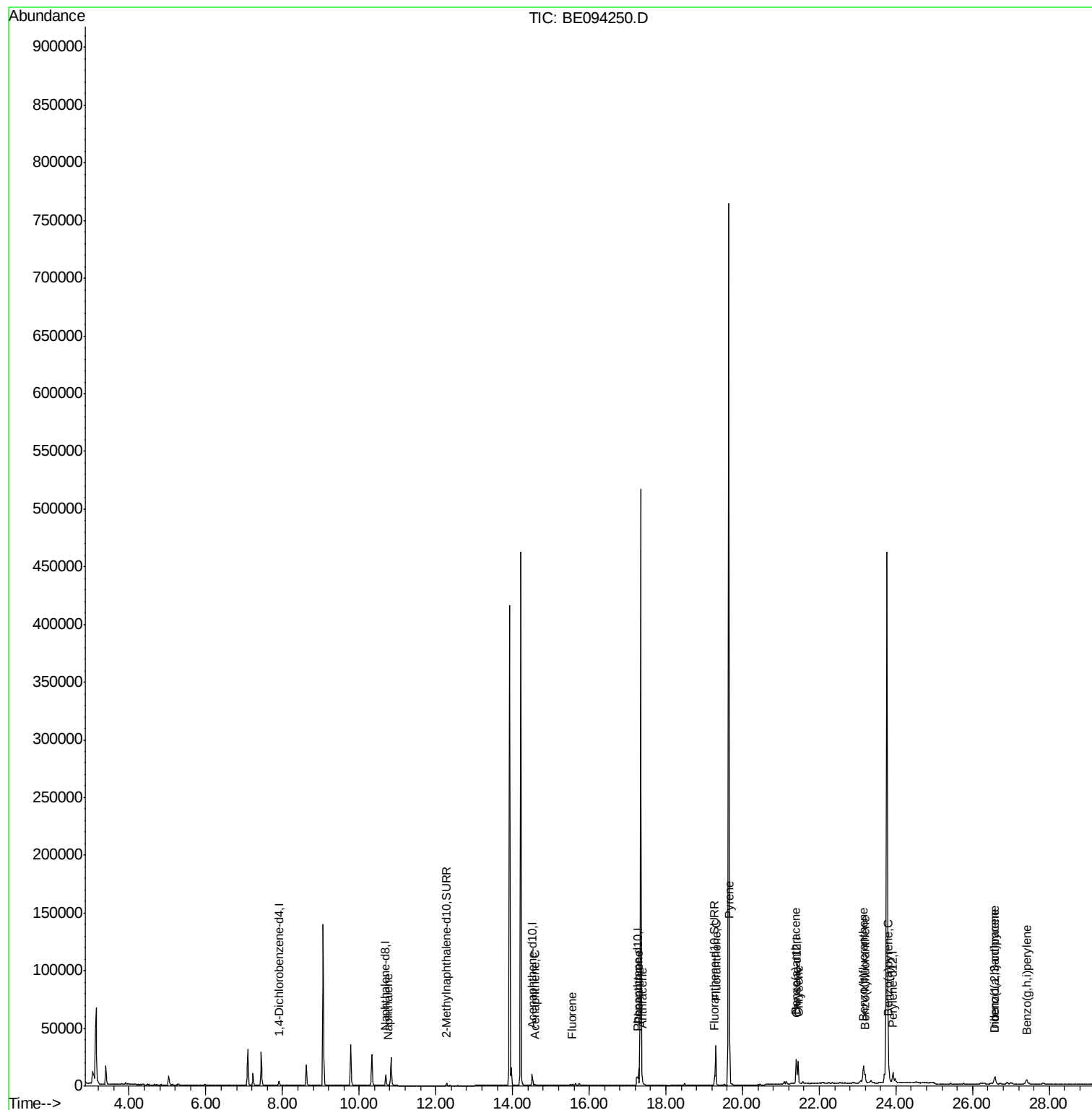
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094250.D
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ALS Vial : 3 Sample Multiplier: 1

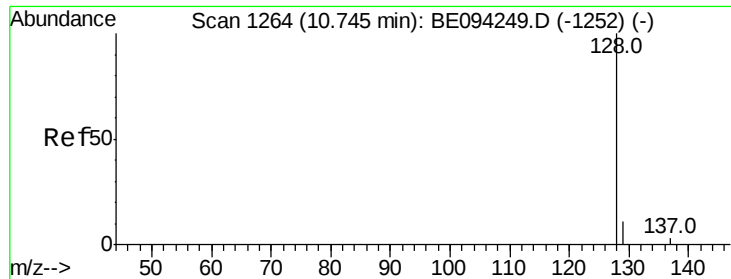
Instrument :
BNA_E
ClientSampleId :
C0AD4

Manual Integrations
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Quant Time: Oct 11 06:47:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 06:34:16 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Instrument :

BNA_E

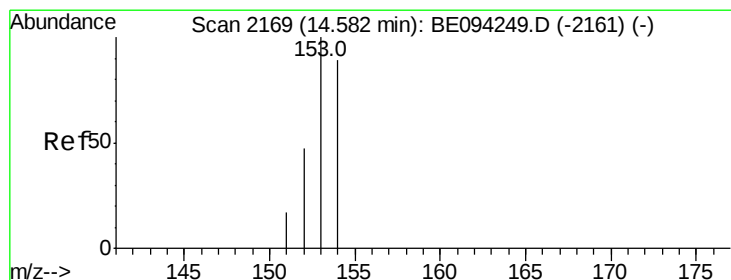
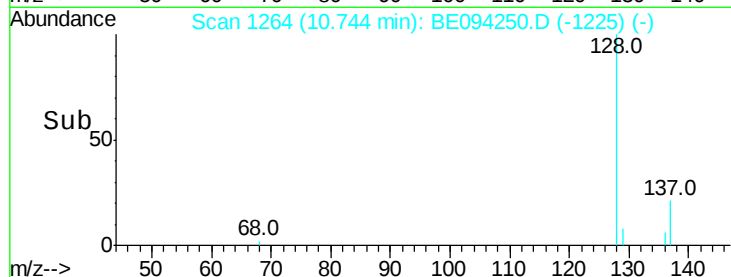
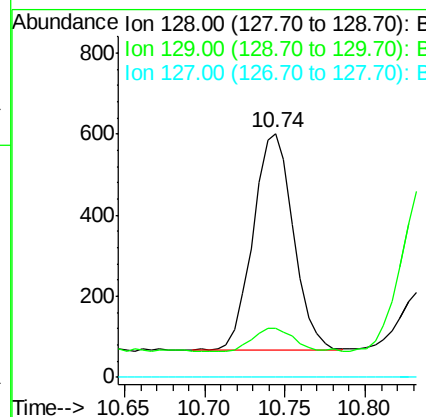
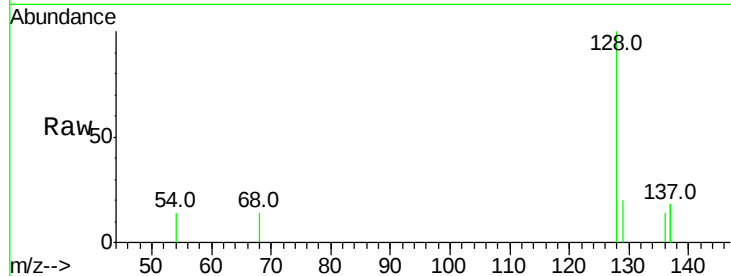
ClientSampled :

C0AD4

Tot Ion:128	Resp:	941
Ion Ratio	Lower	Upper
128 100		
129 20.0	11.3	16.9#
127 0.0	4.0	6.0#

Manual Integrations
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#8

Acenaphthene

Concen: 0.040 ng/ul

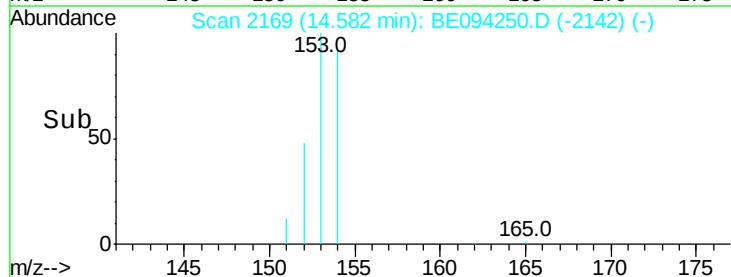
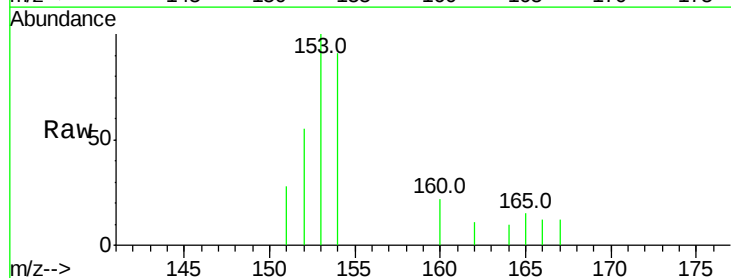
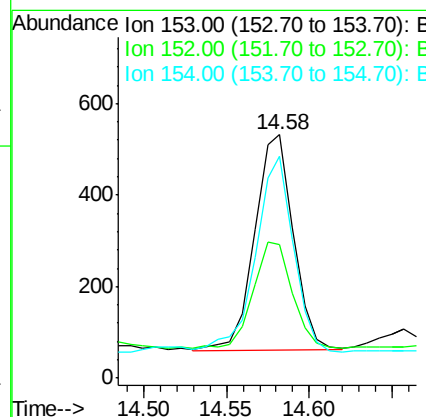
RT: 14.58 min Scan# 2169

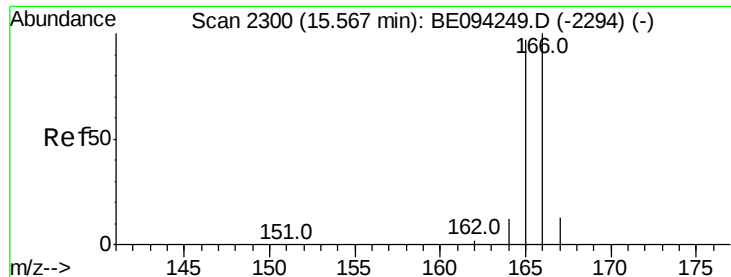
Delta R.T. 0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Tgt Ion:153	Resp:	764
Ion Ratio	Lower	Upper
153 100		
152 54.9	40.3	60.5
154 91.2	71.4	107.2





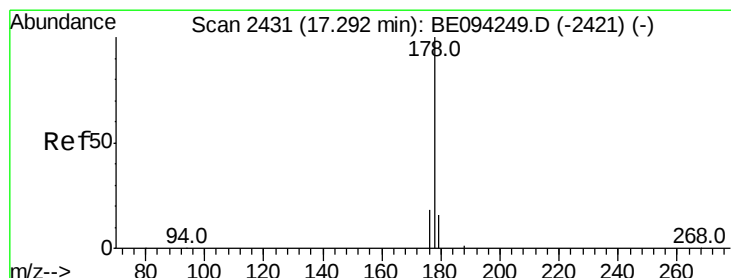
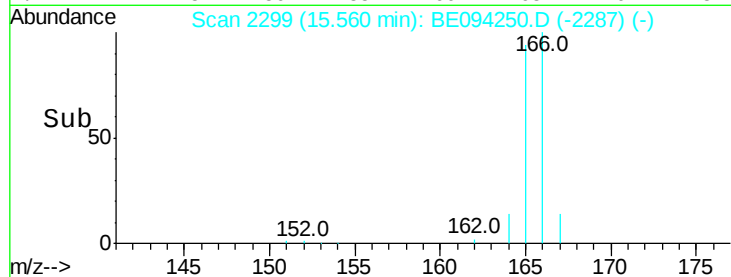
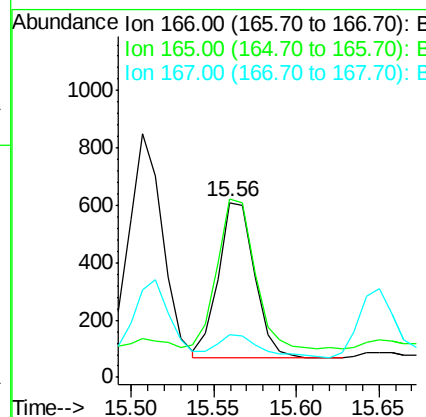
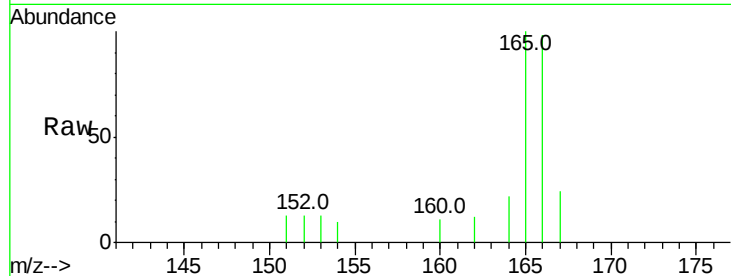
#9
Fluorene
 Concen: 0.037 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094250.D
 Acq: 10 Oct 2017 12:27

Instrument :
 BNA_E
 ClientSampled :
 C0AD4

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.1	73.4	110.2
167	24.6	14.6	22.0

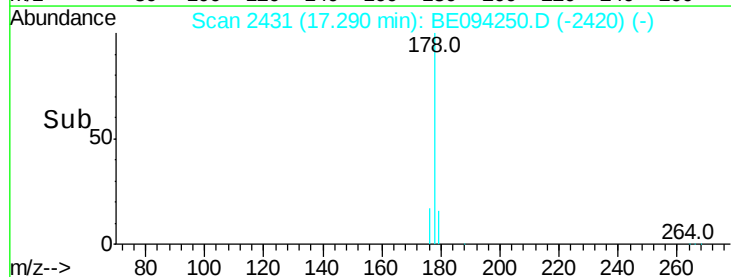
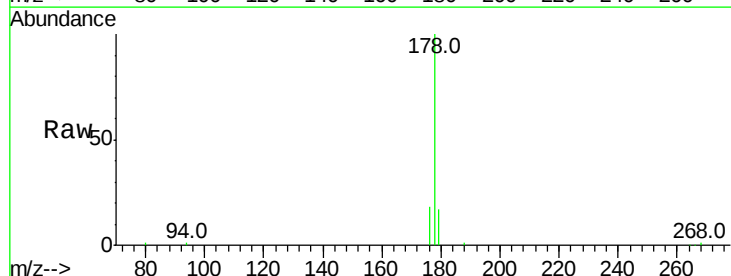
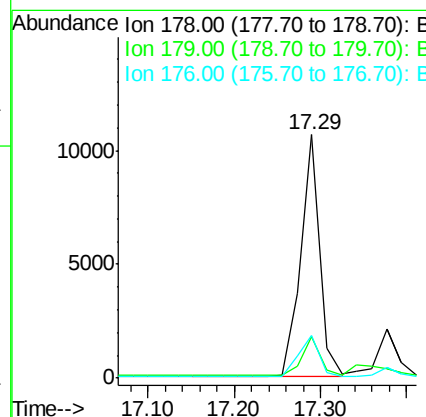
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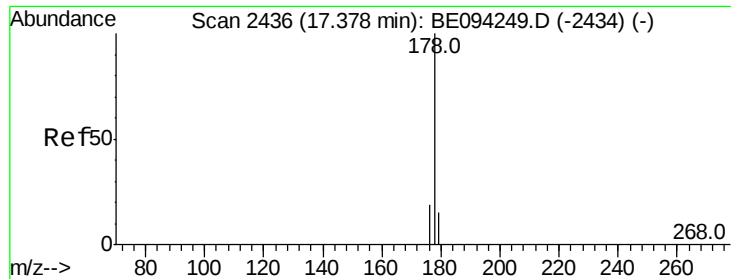
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#12
Phenanthrene
 Concen: 0.501 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094250.D
 Acq: 10 Oct 2017 12:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.4	27.6
176	17.7	13.6	20.4





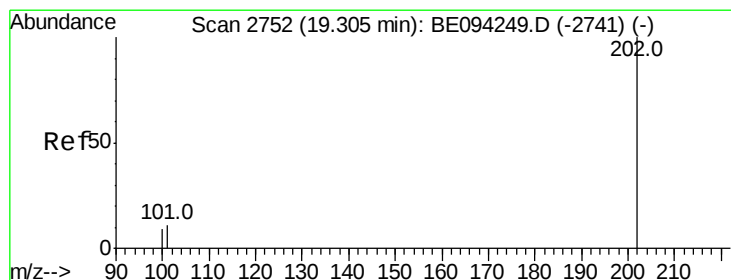
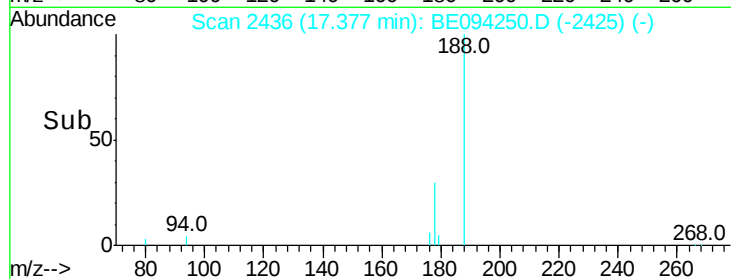
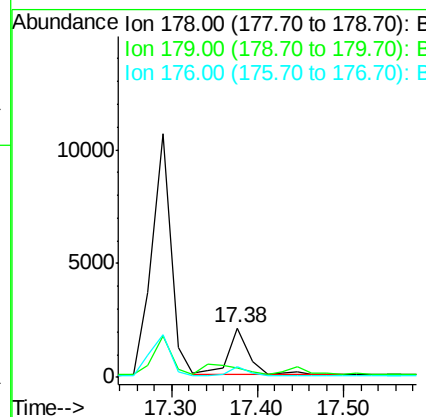
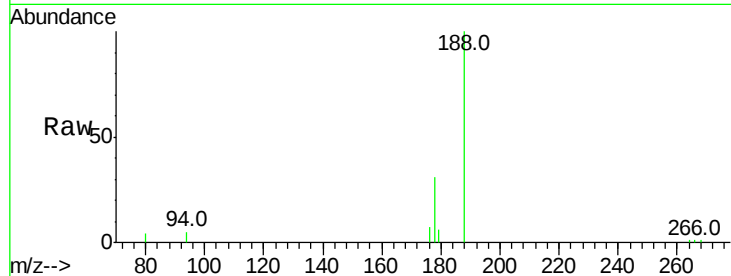
#13
 Anthracene
 Concen: 0.113 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094250.D
 Acq: 10 Oct 2017 12:27

Instrument :
 BNA_E
 ClientSampleId :
 C0AD4

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.7	18.1	27.1
176	21.7	14.7	22.1

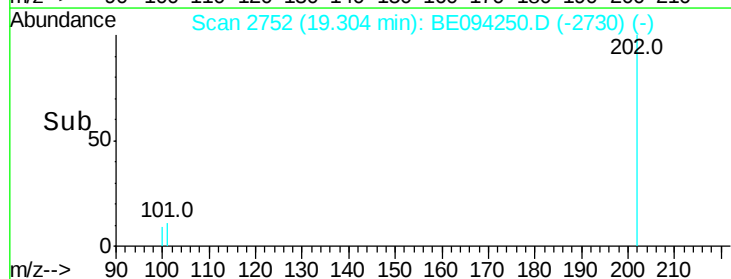
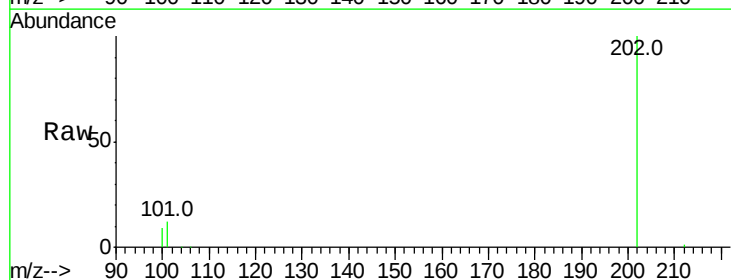
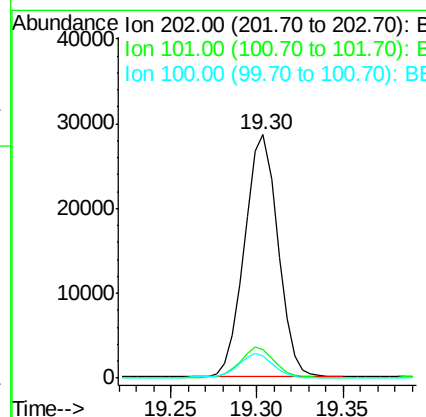
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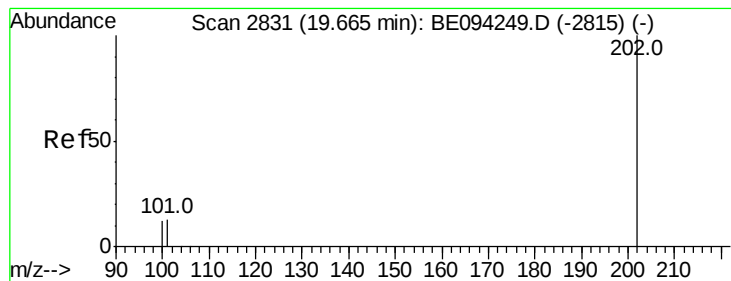
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#15
 Fluoranthene
 Concen: 0.902 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BE094250.D
 Acq: 10 Oct 2017 12:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.0	0.0	39.5





#17

Pvrene

Concen: 1.007 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Instrument :

BNA_E

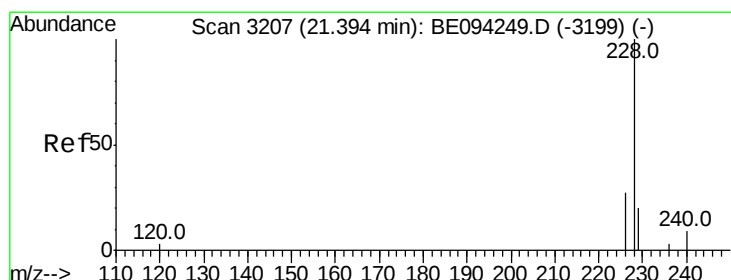
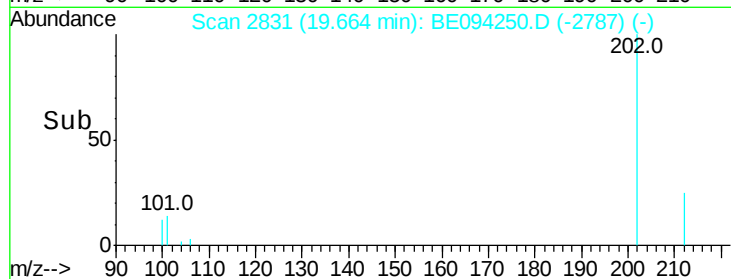
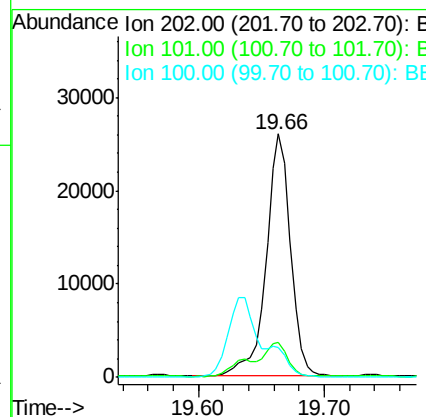
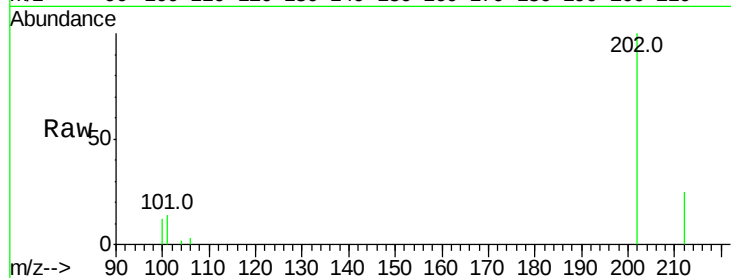
ClientSampleId :

C0AD4

Tot Ion:	202	Resp:	35156
Ion Ratio	Lower	Upper	
202	100		
101	14.3	18.2	27.4#
100	12.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.529 ng/ul

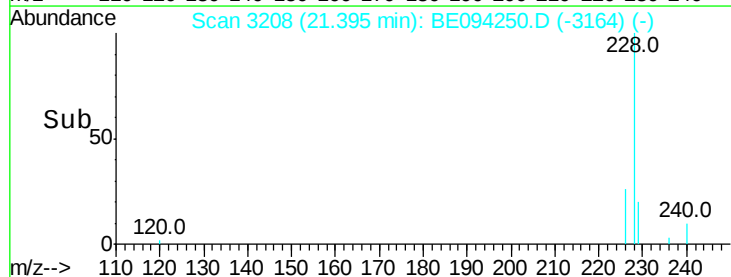
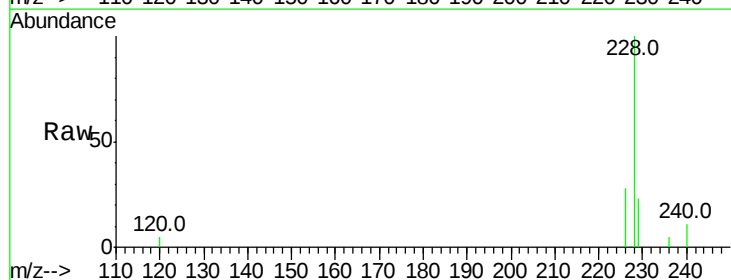
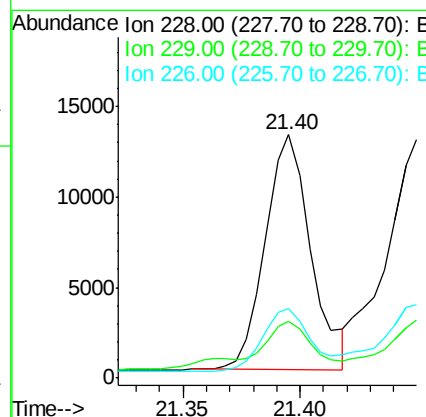
RT: 21.40 min Scan# 3208

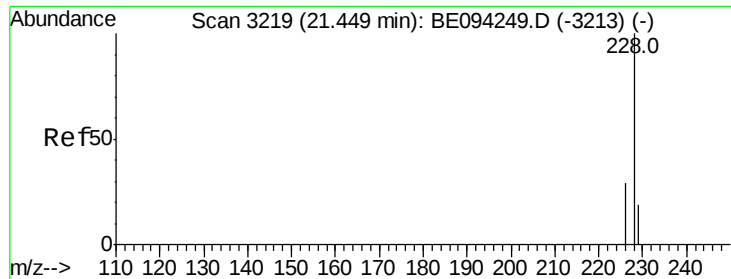
Delta R.T. 0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Tgt Ion:	228	Resp:	17604
Ion Ratio	Lower	Upper	
228	100		
229	23.1	22.8	34.2
226	28.3	17.0	25.6#





#19

Chrysene

Concen: 0.526 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Instrument :

BNA_E

ClientSampled :

C0AD4

Tot Ion:228 Resp: 20219

Ion Ratio Lower Upper

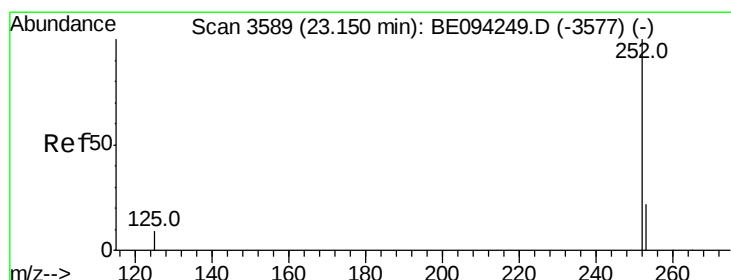
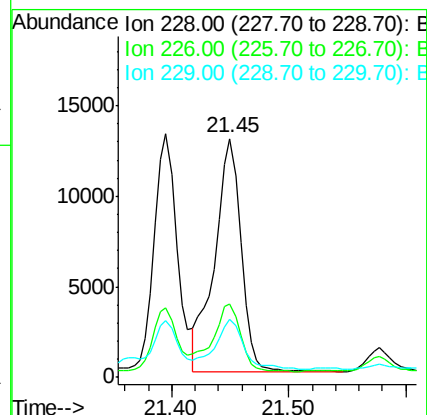
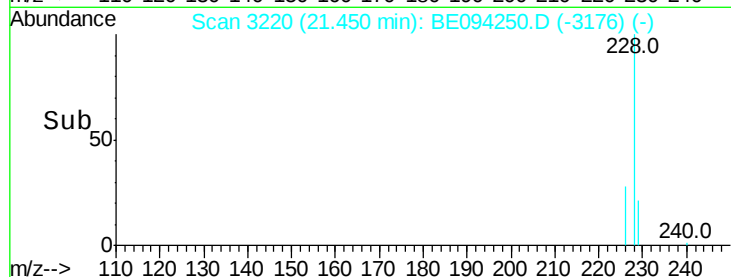
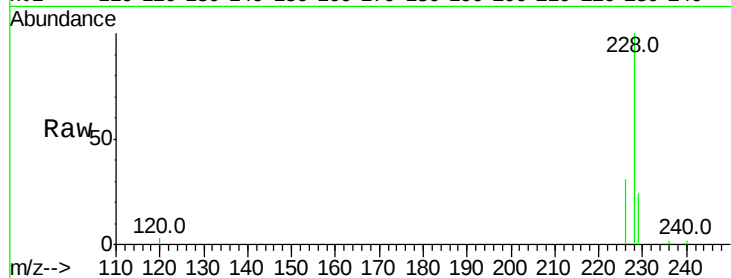
228 100

226 30.5 23.4 35.0

229 24.2 17.7 26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 0.809 ng/ul

RT: 23.15 min Scan# 3591

Delta R.T. 0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

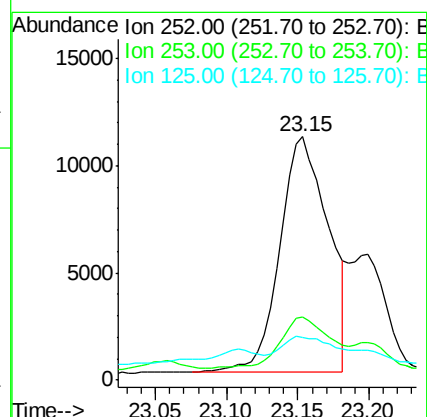
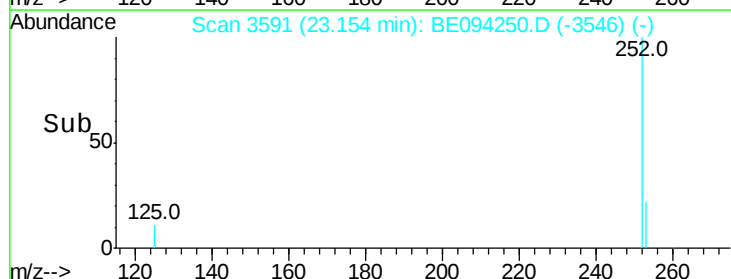
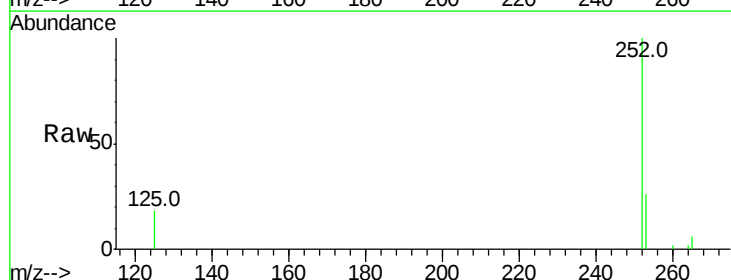
Tgt Ion:252 Resp: 25790

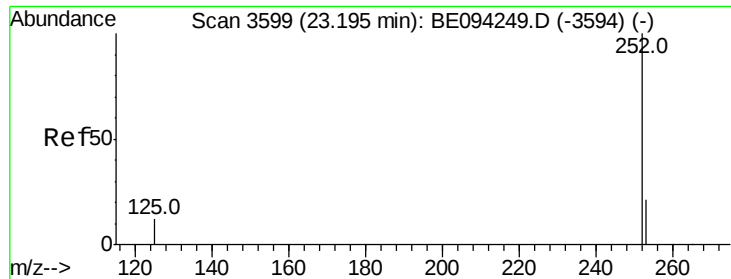
Ion Ratio Lower Upper

252 100

253 25.7 0.0 64.2

125 17.7 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.247 ng/ul m

RT: 23.20 min Scan# 3601

Delta R.T. 0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Instrument :

BNA_E

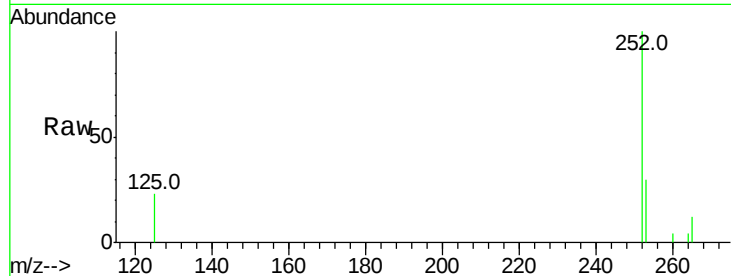
ClientSampled :

C0AD4

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	24.5	36.7
125	23.4	13.7	20.5

Manual Integrations
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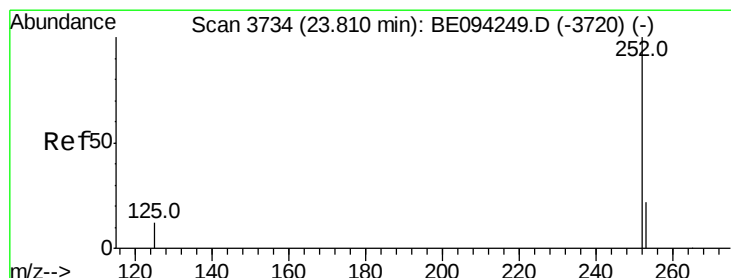
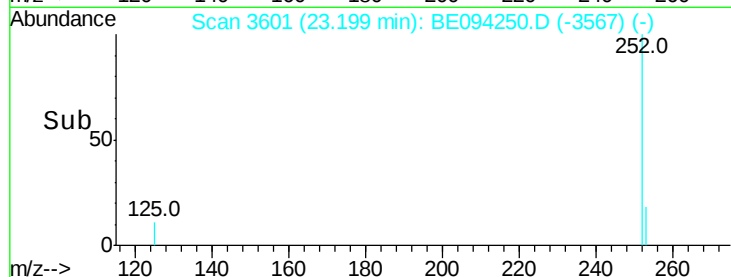
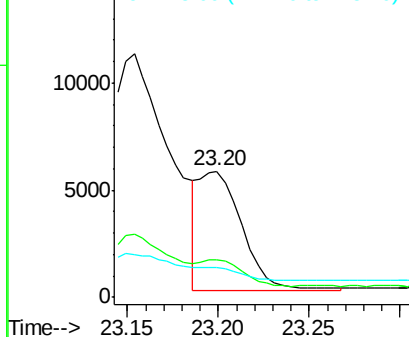


Abundance

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: 0.508 ng/ul m

RT: 23.81 min Scan# 3736

Delta R.T. 0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

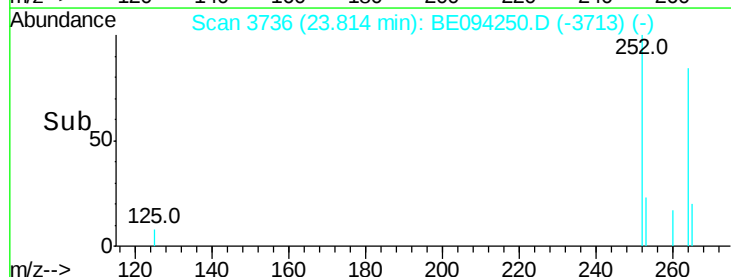
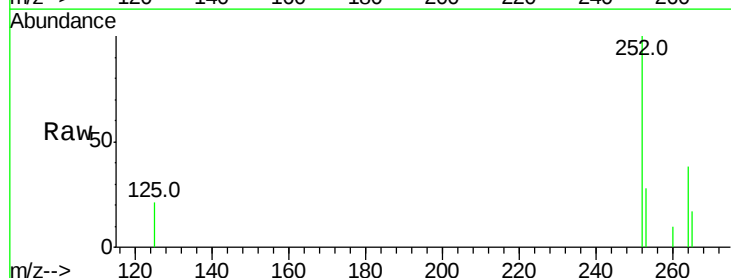
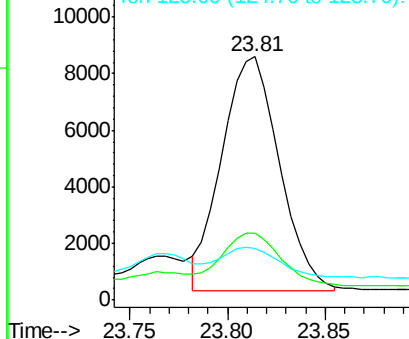
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	28.5	42.7
125	21.2	18.1	27.1

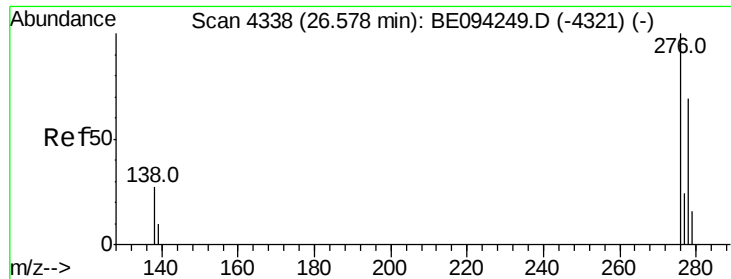
Abundance

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





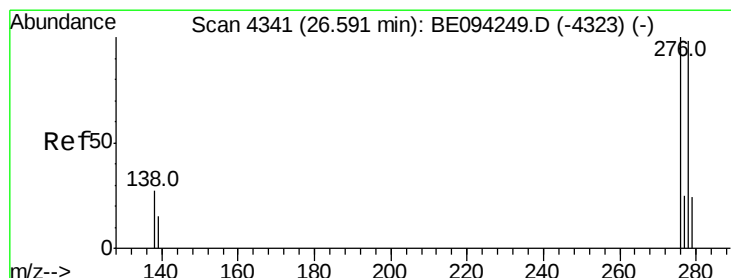
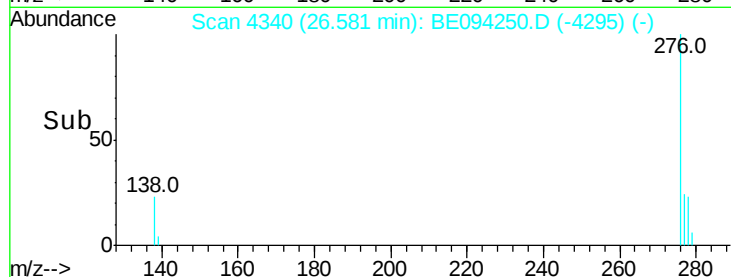
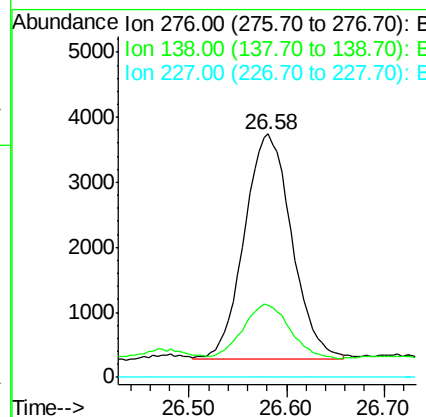
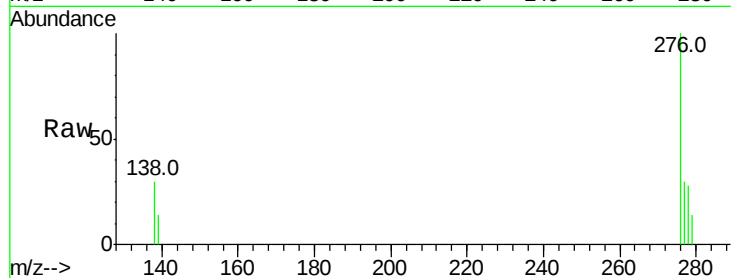
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.344 ng/ul m
 RT: 26.58 min Scan# 4340
 Delta R.T. 0.00 min
 Lab File: BE094250.D
 Acq: 10 Oct 2017 12:27

Instrument :
 BNA_E
 ClientSampleId :
 C0AD4

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.6	28.0	42.0#
227	0.0	8.0	12.0#

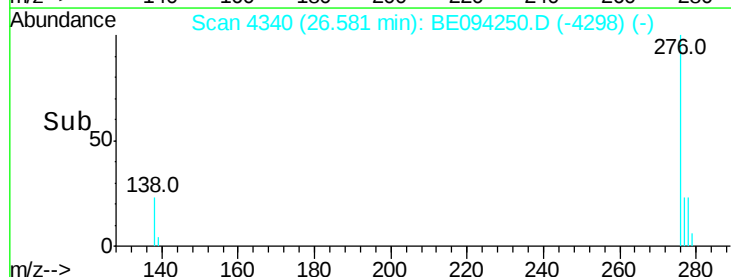
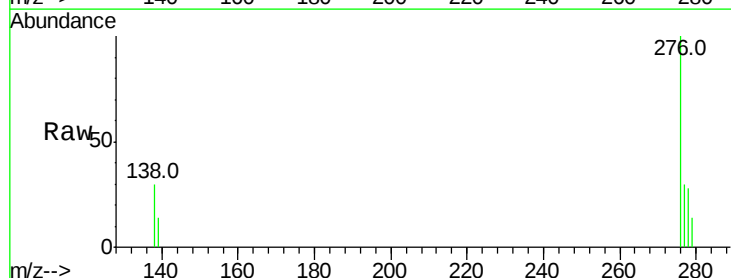
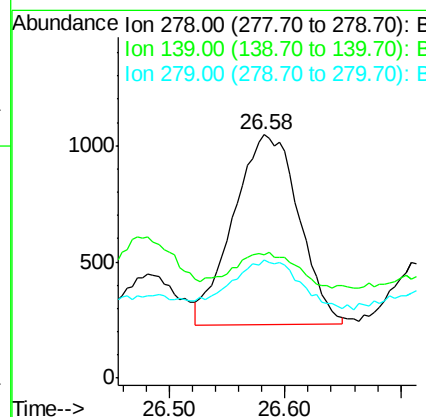
Manual Integrations
 APPROVED

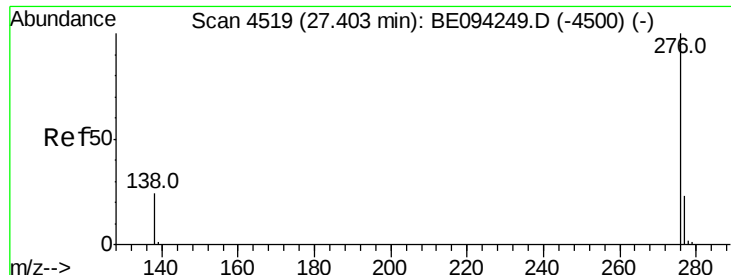
Sohil
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.113 ng/ul m
 RT: 26.58 min Scan# 4340
 Delta R.T. -0.01 min
 Lab File: BE094250.D
 Acq: 10 Oct 2017 12:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	50.6	17.4	26.0#
279	48.5	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 0.328 ng/ul m
 RT: 27.41 min Scan# 4521
 Delta R.T. 0.00 min
 Lab File: BE094250.D
 Acq: 10 Oct 2017 12:27

Instrument :
 BNA_E
 ClientSampleId :
 C0AD4

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.8
277	31.9	20.5	30.7

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