

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094244.D
 Acq On : 10 Oct 2017 5:26
 Operator : SJ/JU
 Sample : I5533-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-77(1-3)-092817

Manual Integrations
 APPROVED

Sohil
 10/11/2017 9:24:20 AM

Quant Time: Oct 10 17:59:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 09:18:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2454	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12473	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7469	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15714	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14876	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	14633m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3091	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	8011	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	17289	0.566	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	5999	0.303	ng/ul	98
7) Acenaphthylene	14.24	152	12760	0.438	ng/ul	97
8) Acenaphthene	14.58	153	19400	0.809	ng/ul	97
9) Fluorene	15.57	166	21894	0.780	ng/ul	94
12) Phenanthrene	17.29	178	455258	11.087	ng/ul#	92
13) Anthracene	17.38	178	112725	2.823	ng/ul#	92
15) Fluoranthene	19.30	202	806550	14.948	ng/ul	84
17) Pyrene	19.67	202	732827	17.705	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	393306	9.966	ng/ul#	85
19) Chrysene	21.45	228	347602	7.627	ng/ul	98
21) Benzo(b)fluoranthene	23.16	252	435613m	10.959	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	164303m	3.576	ng/ul	
23) Benzo(a)pyrene	23.82	252	326572m	7.906	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	207696m	4.915	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	55561m	1.568	ng/ul	
26) Benzo(a,h,i)perylene	27.42	276	173580m	4.763	ng/ul	

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

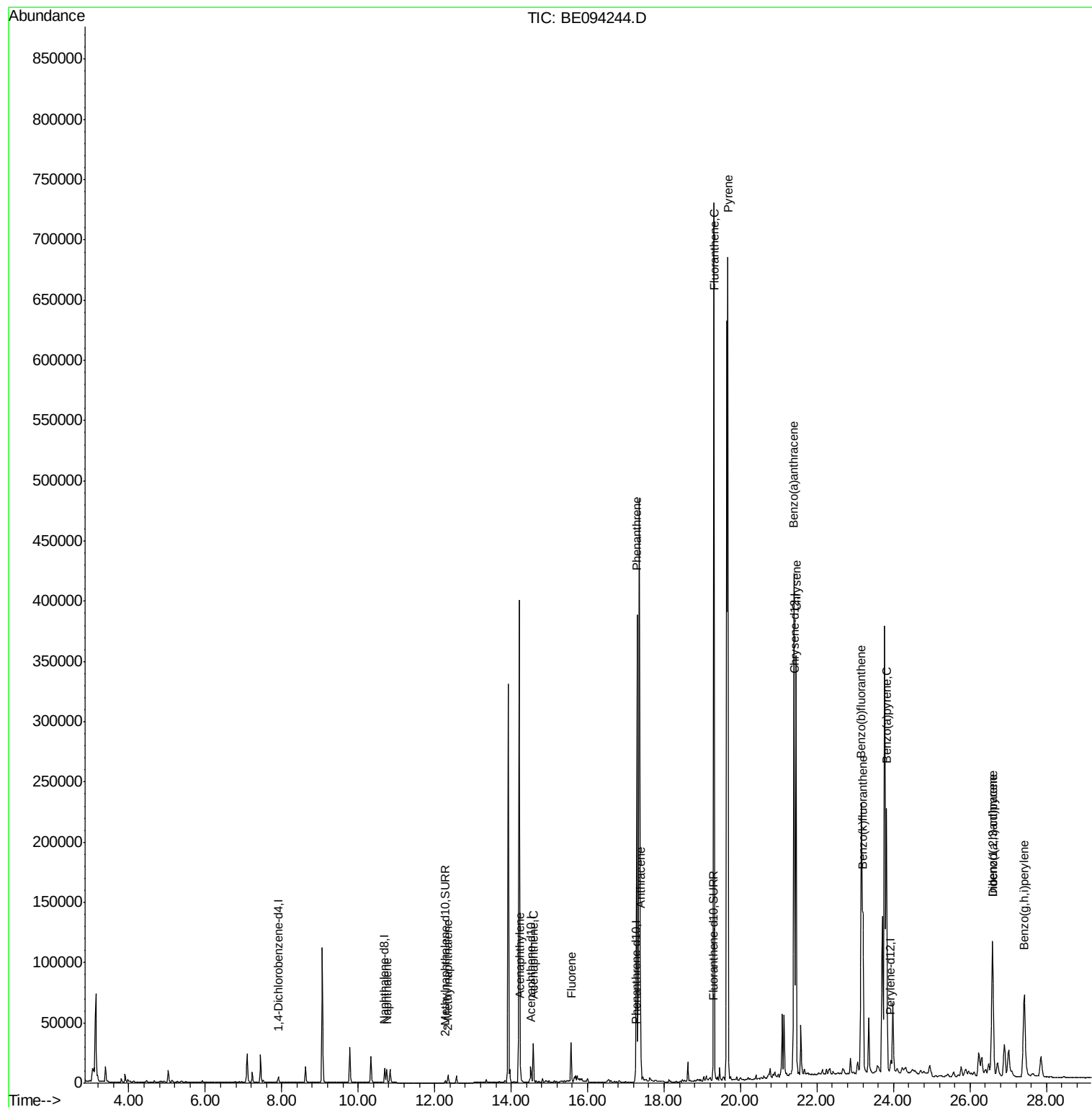
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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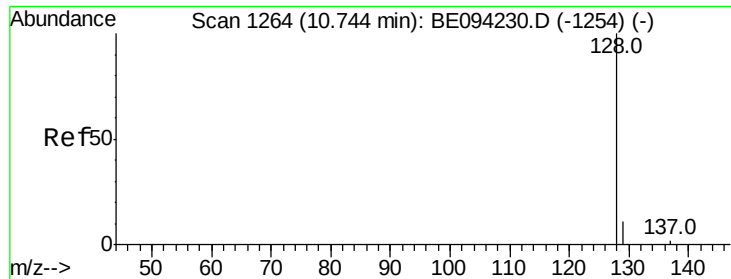
Instrument :
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#3

Naphthalene

Concen: 0.566 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094244.D

Acq: 10 Oct 2017 5:26

Instrument :

BNA_E

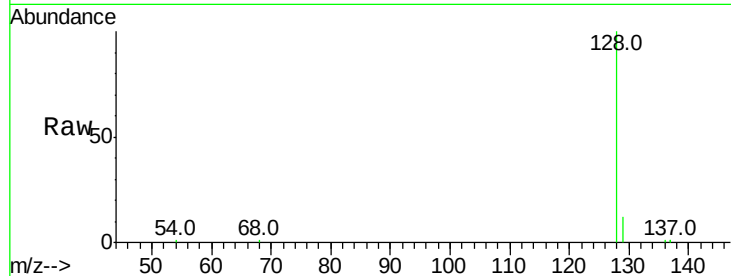
ClientSampleId :

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Tot Ion:128	Resp:	17289
Ion Ratio	Lower	Upper
128 100		
129 11.6	11.3	16.9
127 0.0	4.0	6.0#

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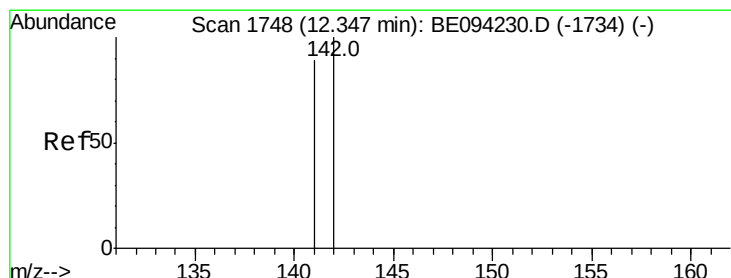
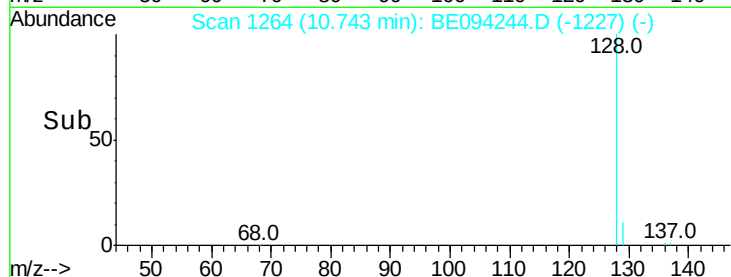
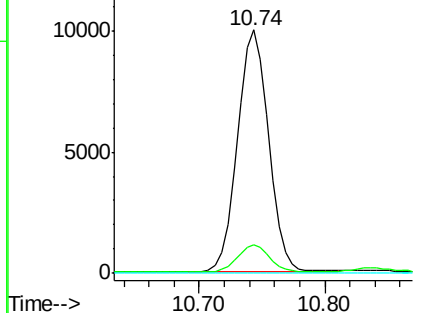
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.303 ng/ul

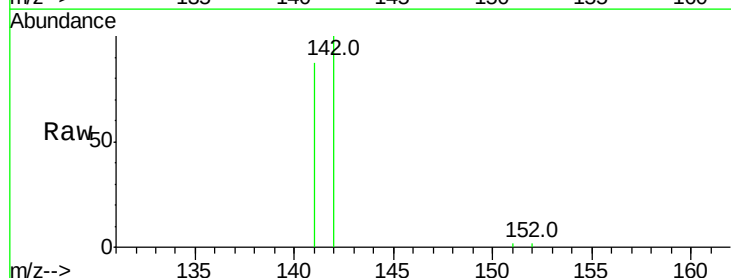
RT: 12.35 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BE094244.D

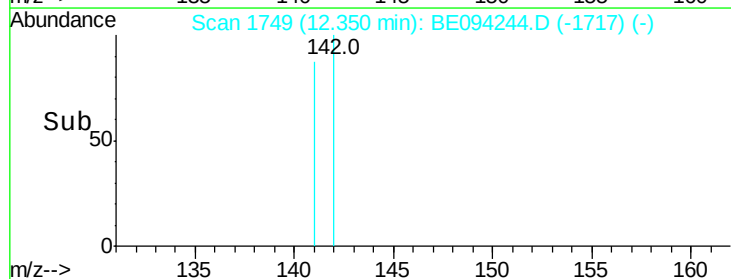
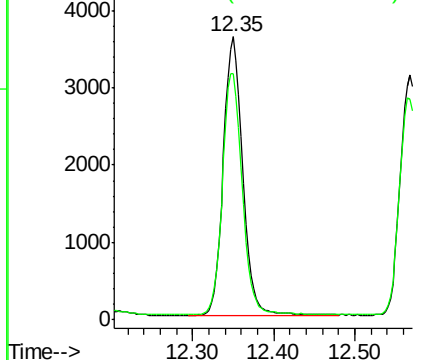
Acq: 10 Oct 2017 5:26

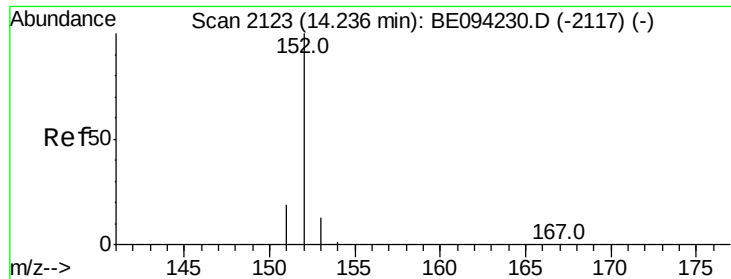
Tgt Ion:142	Resp:	5999
Ion Ratio	Lower	Upper
142 100		
141 88.6	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.438 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094244.D

Acq: 10 Oct 2017 5:26

Instrument :

BNA_E

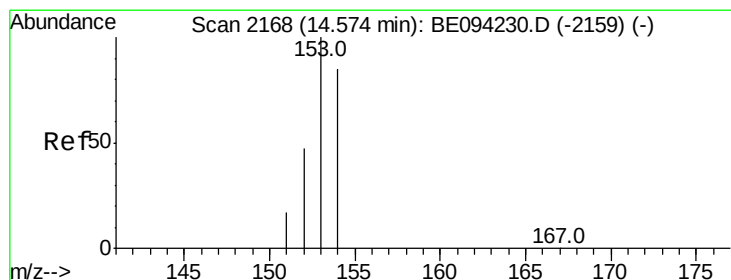
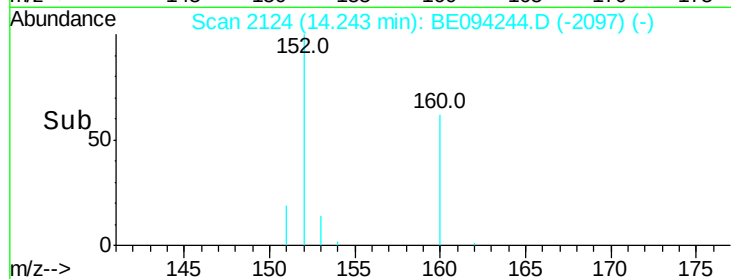
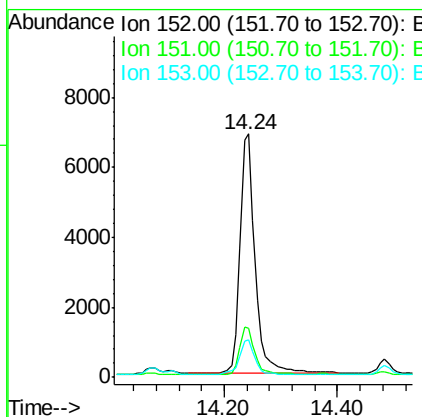
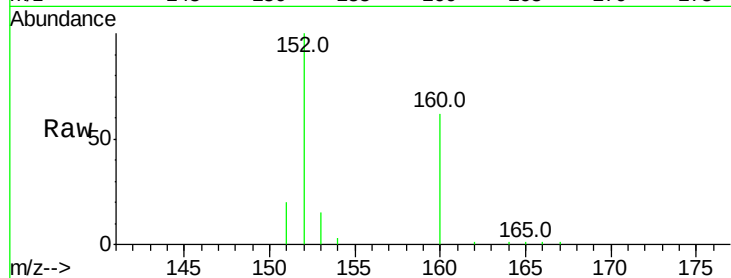
ClientSampleId :

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Tot Ion:	152	Resp:	12760
Ion Ratio	Lower	Upper	
152	100		
151	19.9	17.1	25.7
153	15.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.809 ng/ul

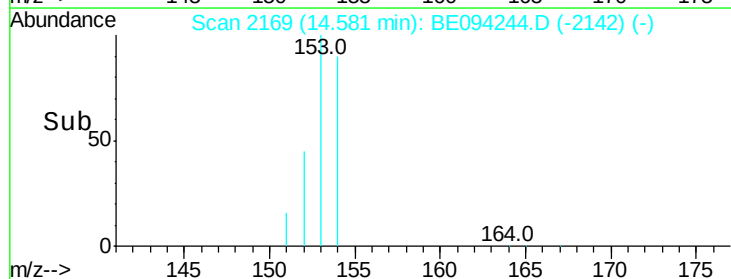
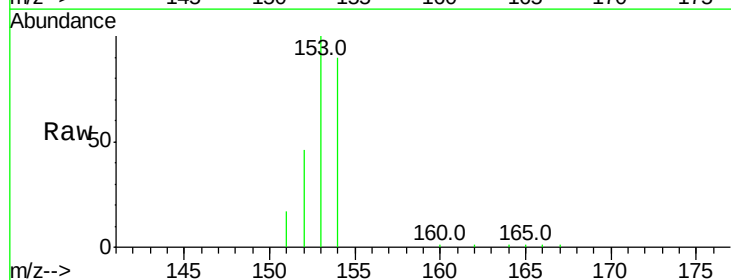
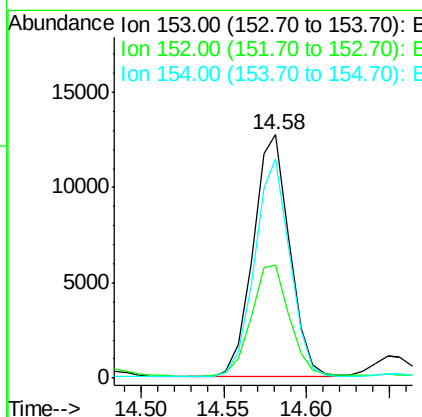
RT: 14.58 min Scan# 2169

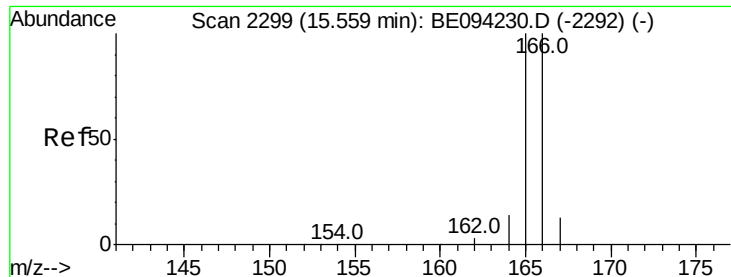
Delta R.T. -0.00 min

Lab File: BE094244.D

Acq: 10 Oct 2017 5:26

Tgt Ion:	153	Resp:	19400
Ion Ratio	Lower	Upper	
153	100		
152	46.3	40.3	60.5
154	90.2	71.4	107.2





#9

Fluorene

Concen: 0.780 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE094244.D

Acq: 10 Oct 2017 5:26

Instrument :

BNA_E

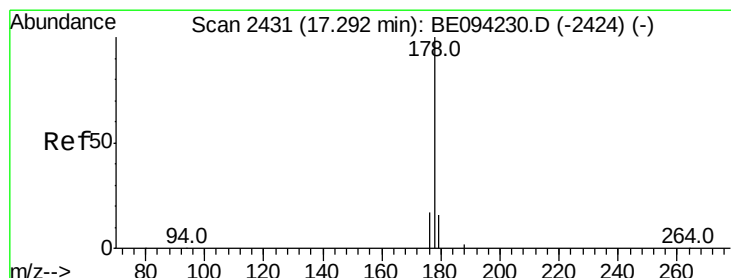
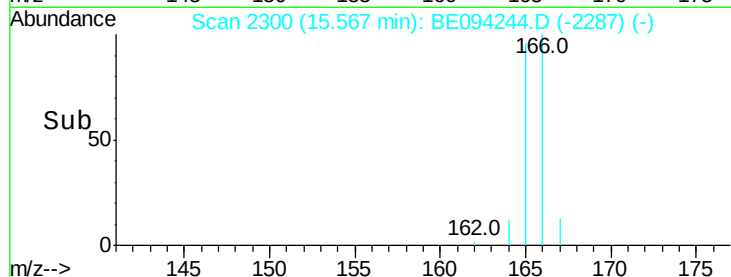
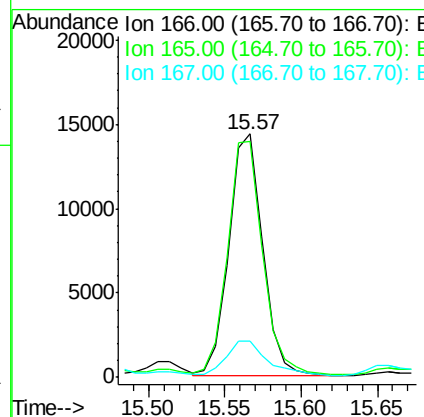
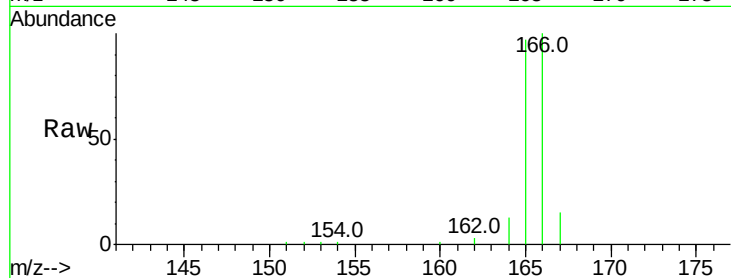
ClientSampleId :

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Tot Ion:	166	Resp:	21894
Ion Ratio	Lower	Upper	
166	100		
165	96.9	73.4	110.2
167	15.0	14.6	22.0

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#12

Phenanthrene

Concen: 11.087 ng/ul

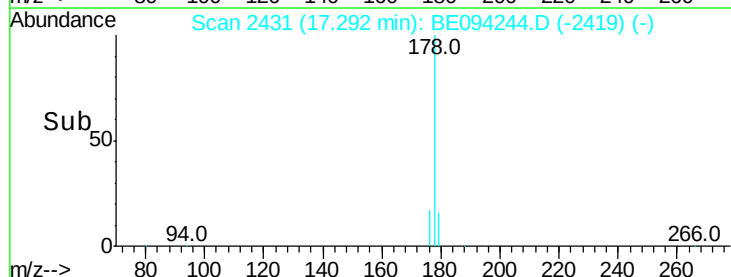
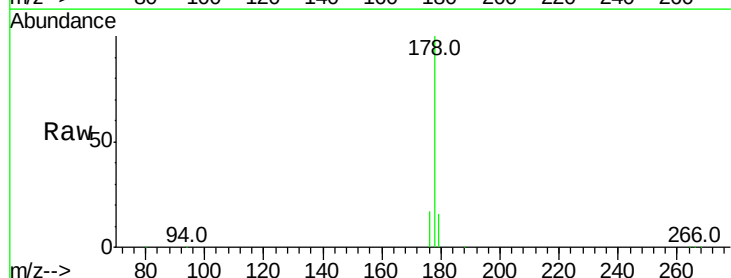
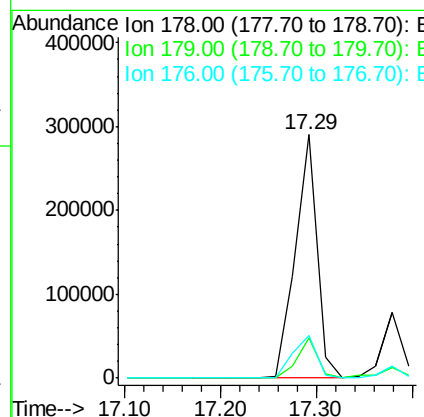
RT: 17.29 min Scan# 2431

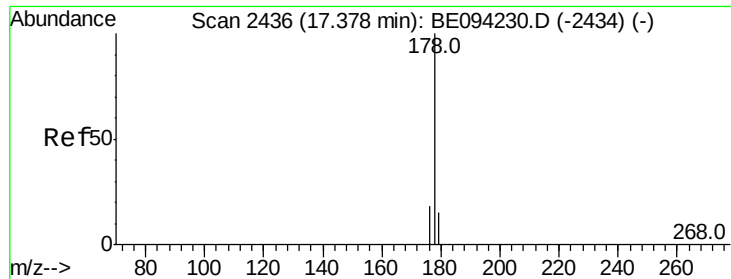
Delta R.T. 0.00 min

Lab File: BE094244.D

Acq: 10 Oct 2017 5:26

Tgt Ion:	178	Resp:	455258
Ion Ratio	Lower	Upper	
178	100		
179	16.3	18.4	27.6#
176	17.4	13.6	20.4





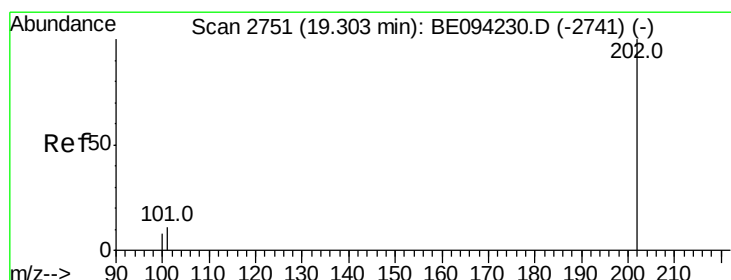
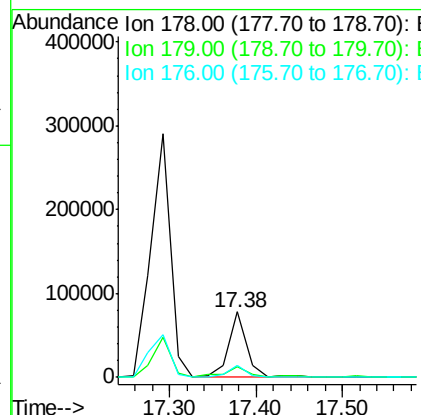
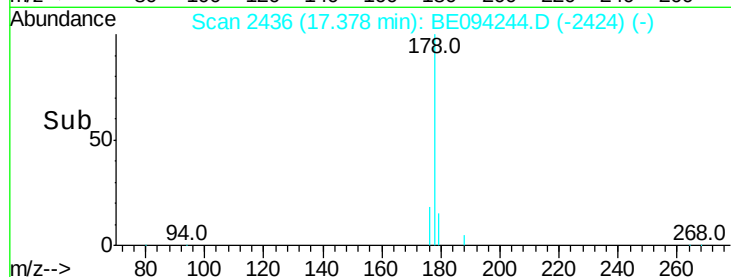
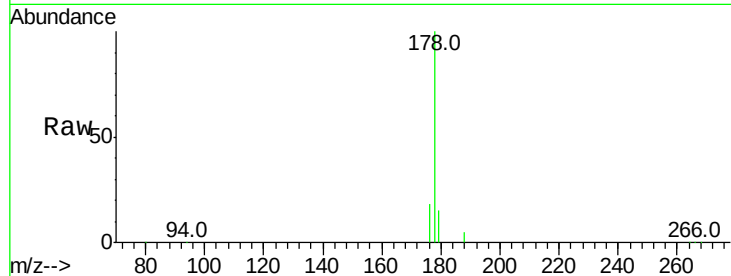
#13
 Anthracene
 Concen: 2.823 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE094244.D
 Acq: 10 Oct 2017 5:26

Instrument :
 BNA_E
 ClientSampleId :
 B-77(1-3)-092817

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	18.2	14.7	22.1

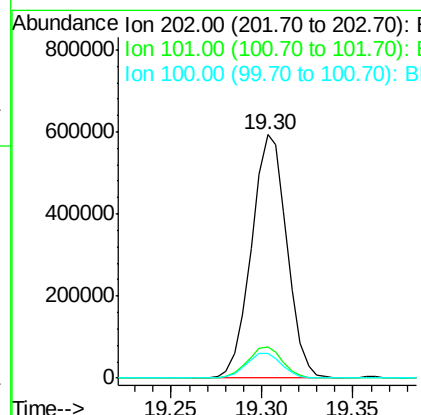
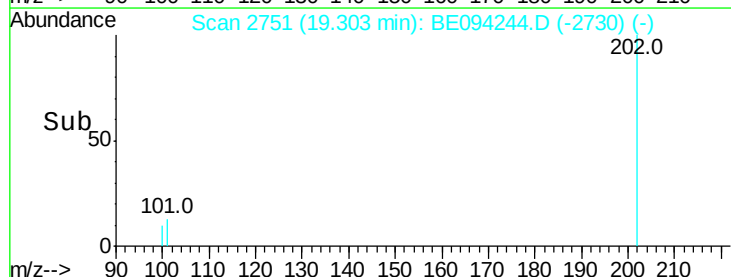
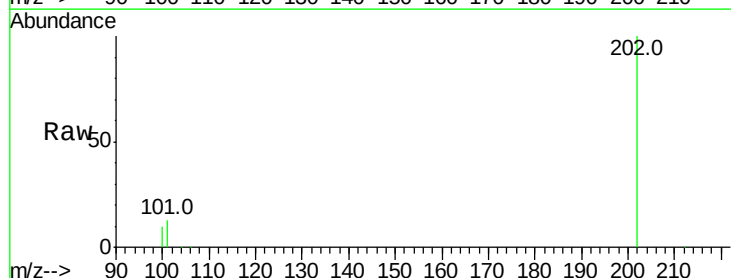
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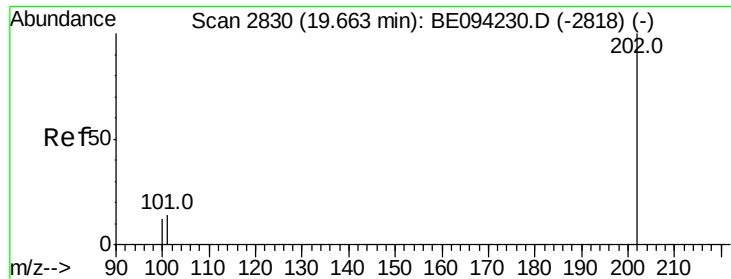
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#15
 Fluoranthene
 Concen: 14.948 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094244.D
 Acq: 10 Oct 2017 5:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.3
100	10.3	0.0	39.5





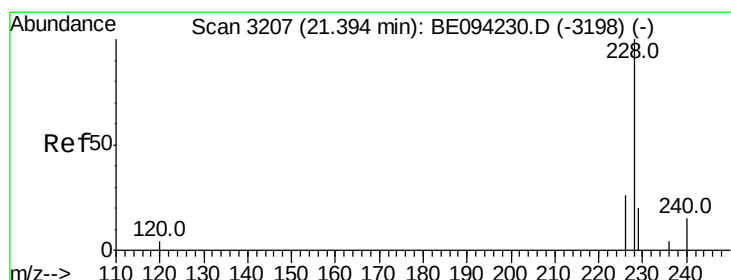
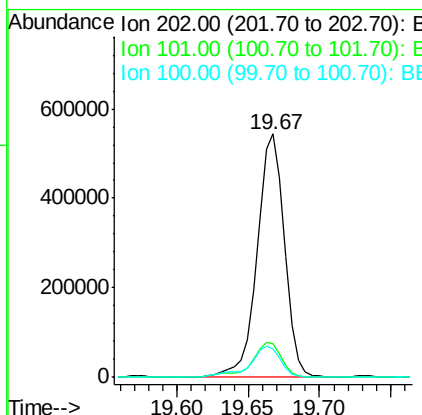
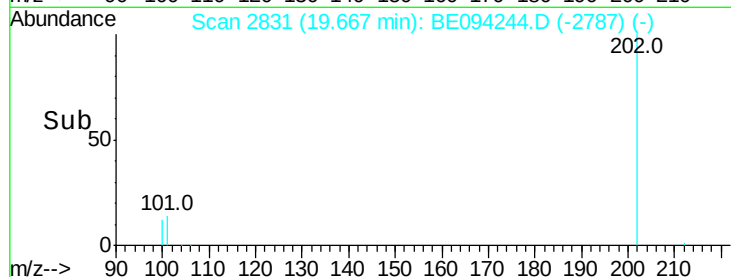
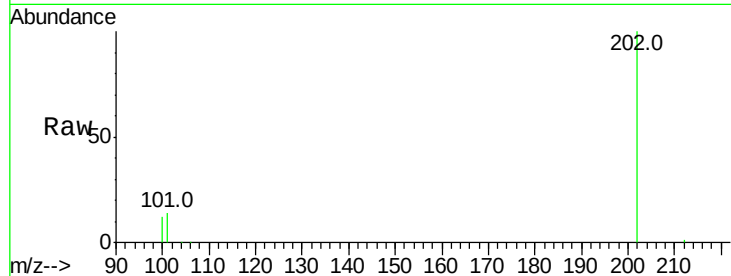
#17
Pvrene
Concen: 17.705 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE094244.D
Acq: 10 Oct 2017 5:26

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	18.2	27.4#
100	11.6	15.6	23.4#

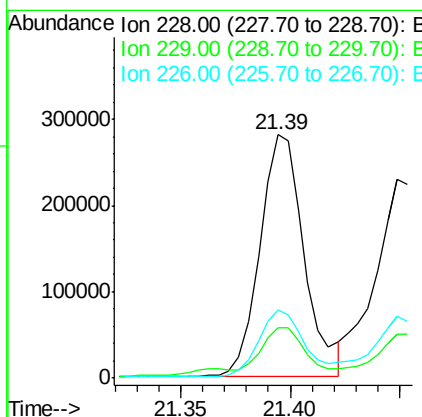
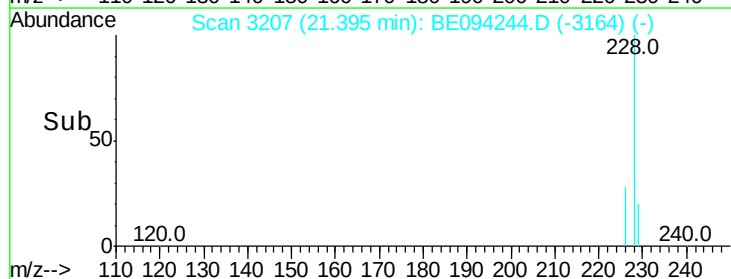
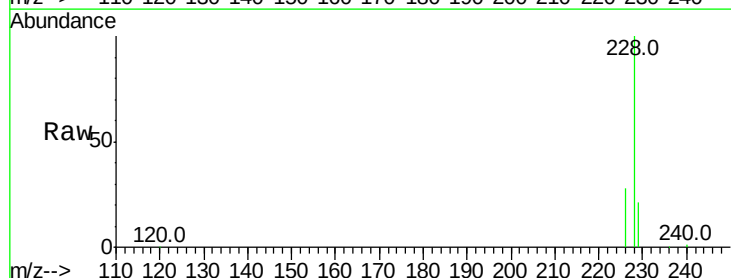
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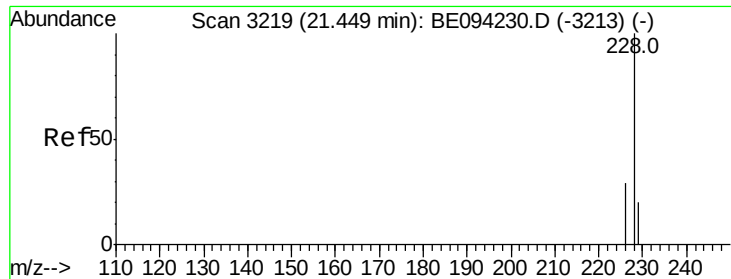
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#18
Benzo(a)anthracene
Concen: 9.966 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE094244.D
Acq: 10 Oct 2017 5:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 7.627 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE094244.D

Acq: 10 Oct 2017 5:26

Instrument :

BNA_E

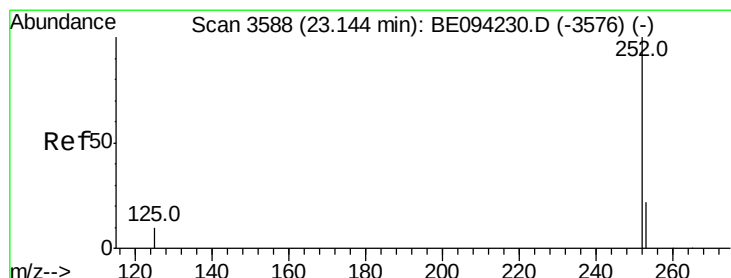
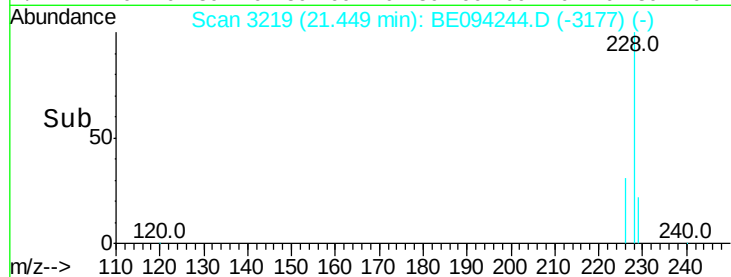
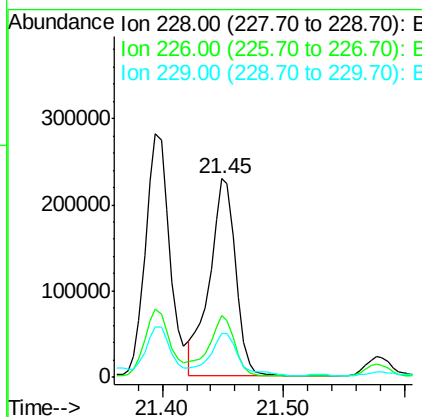
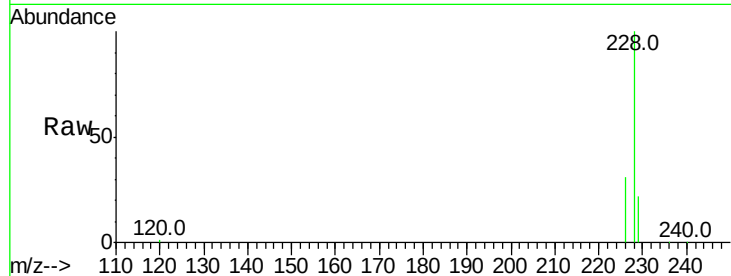
ClientSampleId :

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Tot Ion:	228	Resp:	347602
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 10.959 ng/ul m

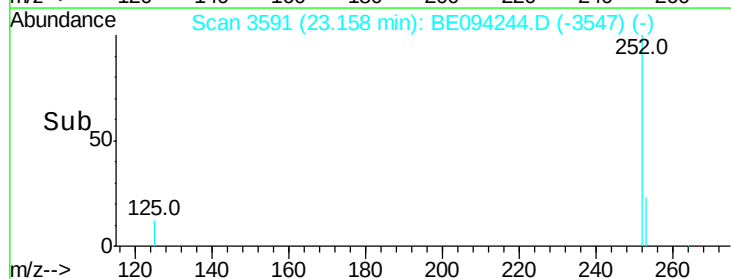
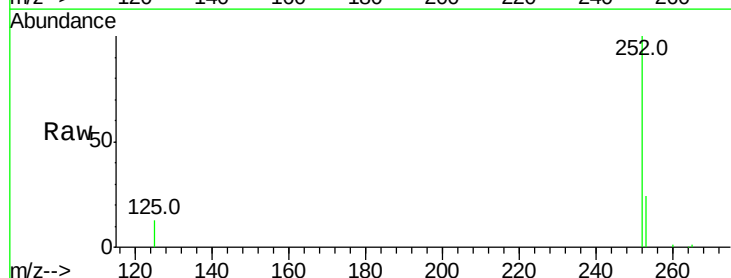
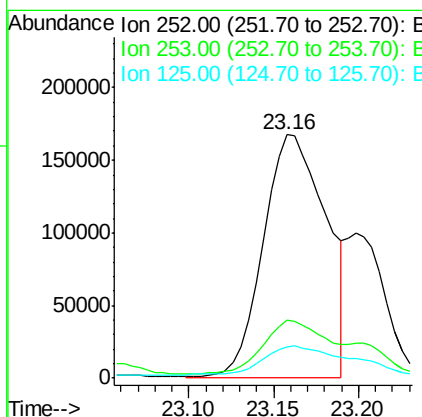
RT: 23.16 min Scan# 3591

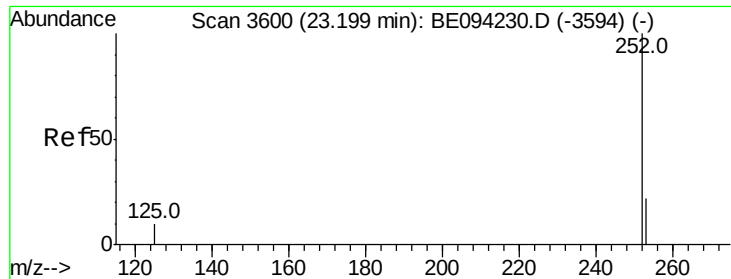
Delta R.T. -0.00 min

Lab File: BE094244.D

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Tgt Ion:	252	Resp:	435613
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	64.2
125	12.9	0.0	35.0





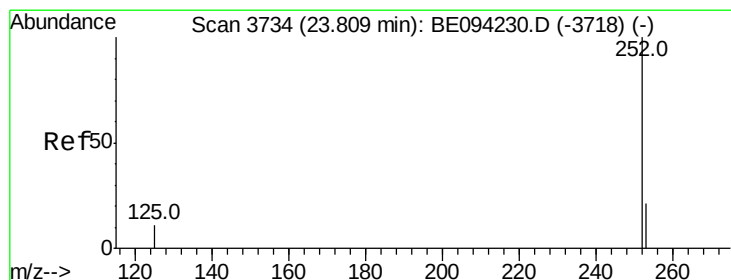
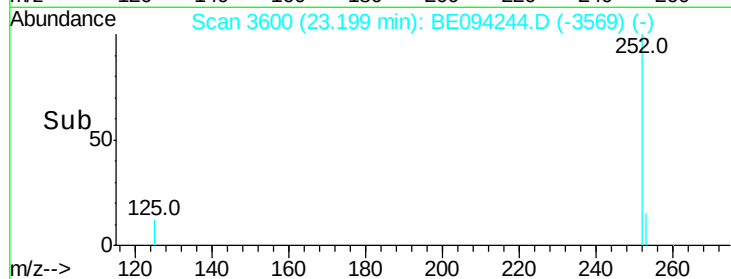
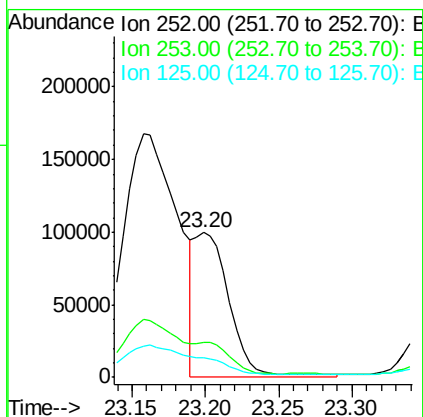
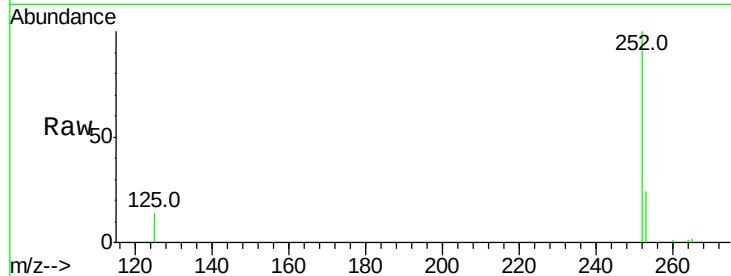
#22
Benzo(k)fluoranthene
Concen: 3.576 ng/ul m
RT: 23.20 min Scan# 3600
Delta R.T. -0.01 min
Lab File: BE094244.D
Acq: 10 Oct 2017 5:26

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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	13.7	13.7	20.5

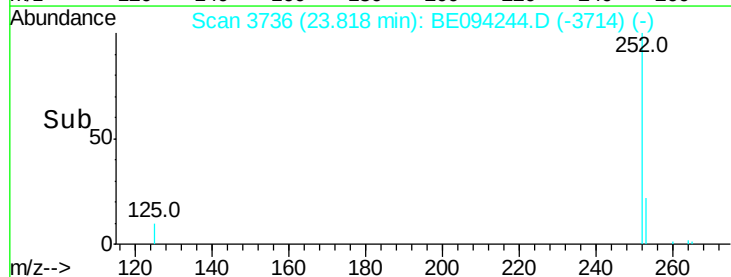
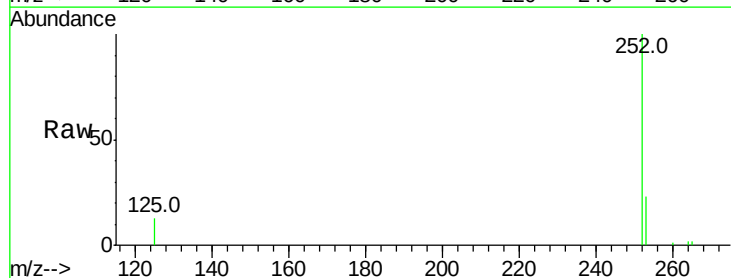
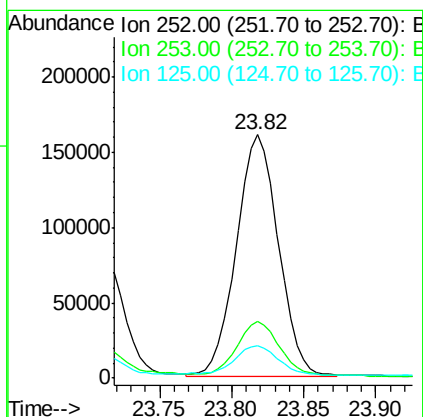
Manual Integrations
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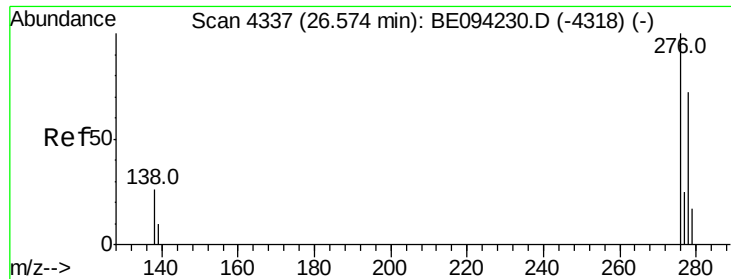
Sohil
10/11/2017 9:24:20 AM



#23
Benzo(a)pyrene
Concen: 7.906 ng/ul m
RT: 23.82 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BE094244.D
Acq: 10 Oct 2017 5:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	13.5	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 4.915 ng/ul m

RT: 26.59 min Scan# 4341

Delta R.T. -0.01 min

Lab File: BE094244.D

Acq: 10 Oct 2017 5:26

Instrument :

BNA_E

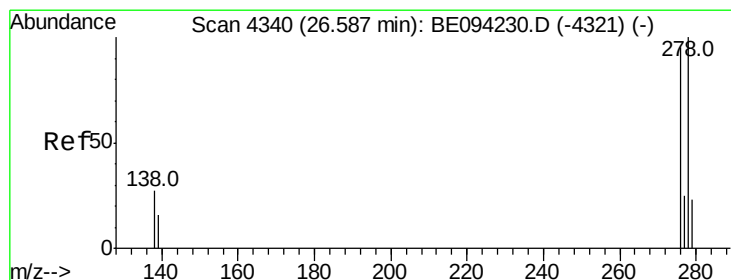
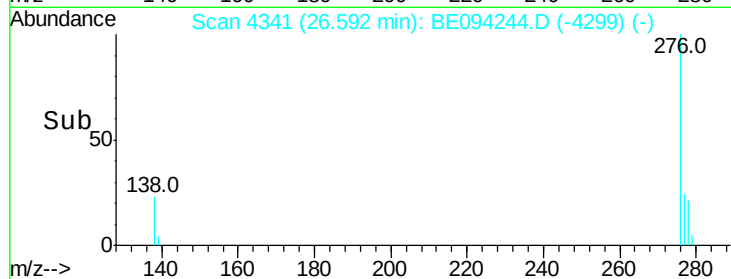
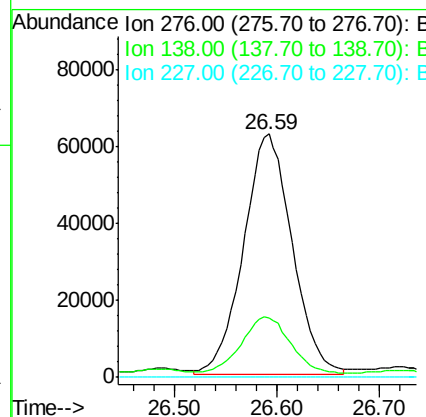
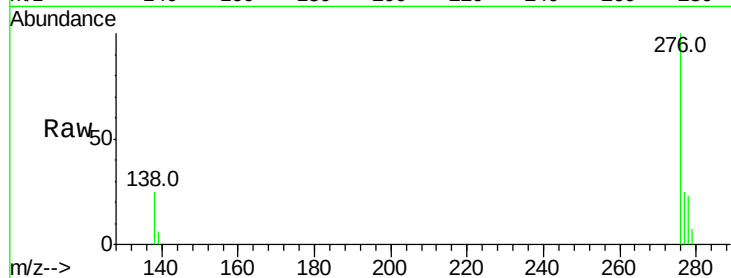
ClientSampleId :

B-77(1-3)-092817

Tot Ion	Ratio	Resp	Lower	Upper
276	100	207696		
138	0.7	28.0	42.0#	
227	0.0	8.0	12.0#	

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#25

Dibenzo(a,h)anthracene

Concen: 1.568 ng/ul m

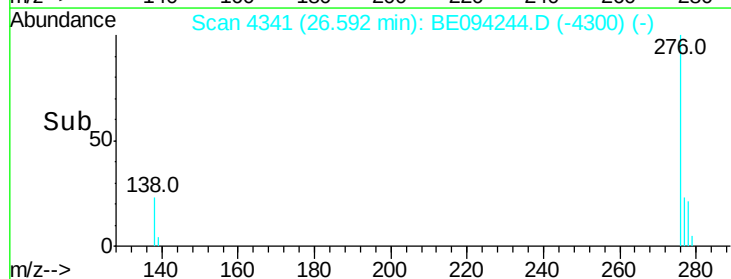
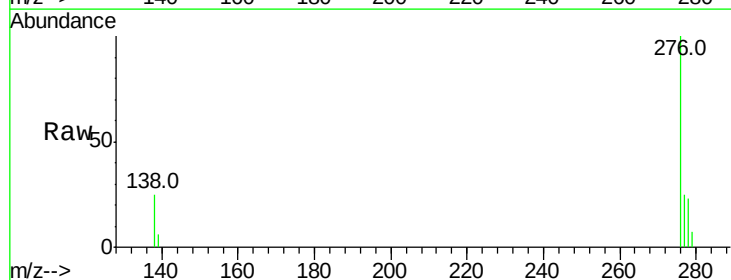
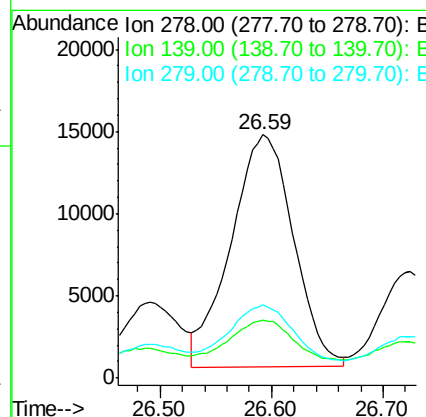
RT: 26.59 min Scan# 4341

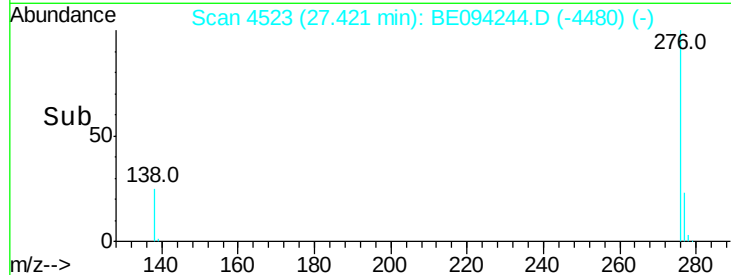
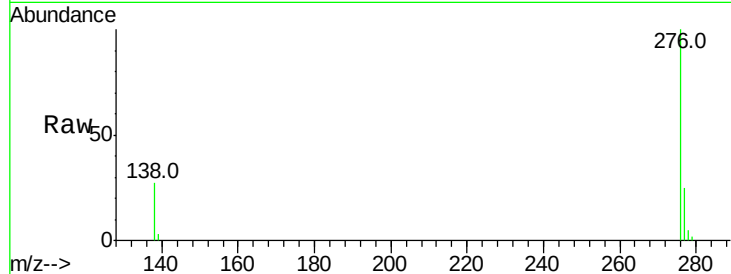
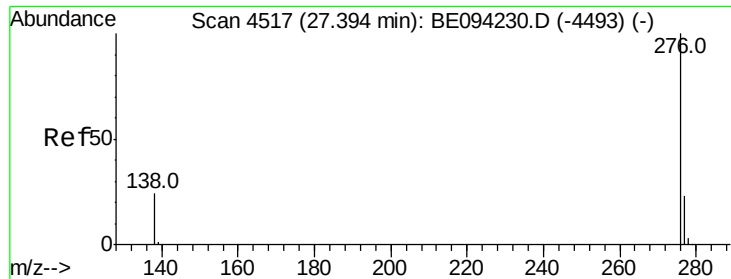
Delta R.T. -0.01 min

Lab File: BE094244.D

Acq: 10 Oct 2017 5:26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	55561		
139	23.9	17.4	26.0	
279	30.1	25.9	38.9	





#26
 Benzo(a,h,i)perylene
 Concen: 4.763 ng/ul m
 RT: 27.42 min Scan# 4523
 Delta R.T. -0.00 min
 Lab File: BE094244.D
 Acq: 10 Oct 2017 5:26

Instrument :
 BNA_E
 ClientSampleId :
 B-77(1-3)-092817

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.8
277	25.2	20.5	30.7

Manual Integrations
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Sohil
 10/11/2017 9:24:20 AM

