

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
 Data File : BE094207.D
 Acq On : 7 Oct 2017 17:53
 Operator : SJ/JU
 Sample : I5449-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617

Manual Integrations
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 10/9/2017 6:53:00 PM

Quant Time: Oct 08 03:35:02 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	1246	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6722	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4286	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8406m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.42	240	8137	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	7739m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2717	0.26	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	5957	0.21	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	65512	3.98	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	25175	2.36	ng/ul	98
7) Acenaphthylene	14.24	152	28873	1.73	ng/ul	99
8) Acenaphthene	14.57	153	38526	2.80	ng/ul	98
9) Fluorene	15.56	166	39382	2.44	ng/ul	93
12) Phenanthrene	17.29	178	917561	41.77	ng/ul#	93
13) Anthracene	17.38	178	221461	10.37	ng/ul#	91
15) Fluoranthene	19.30	202	1633597	56.60	ng/ul	84
17) Pyrene	19.66	202	1540843	68.06	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	870383	40.32	ng/ul#	87
19) Chrysene	21.45	228	855351	34.31	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	1154192m	54.90	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	322240m	13.26	ng/ul	
23) Benzo(a)pyrene	23.83	252	810607m	37.11	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.61	276	580988m	26.00	ng/ul	
25) Dibenzo(a,h)anthracene	26.61	278	149592m	7.98	ng/ul	
26) Benzo(g,h,i)perylene	27.43	276	516163m	26.78	ng/ul	

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

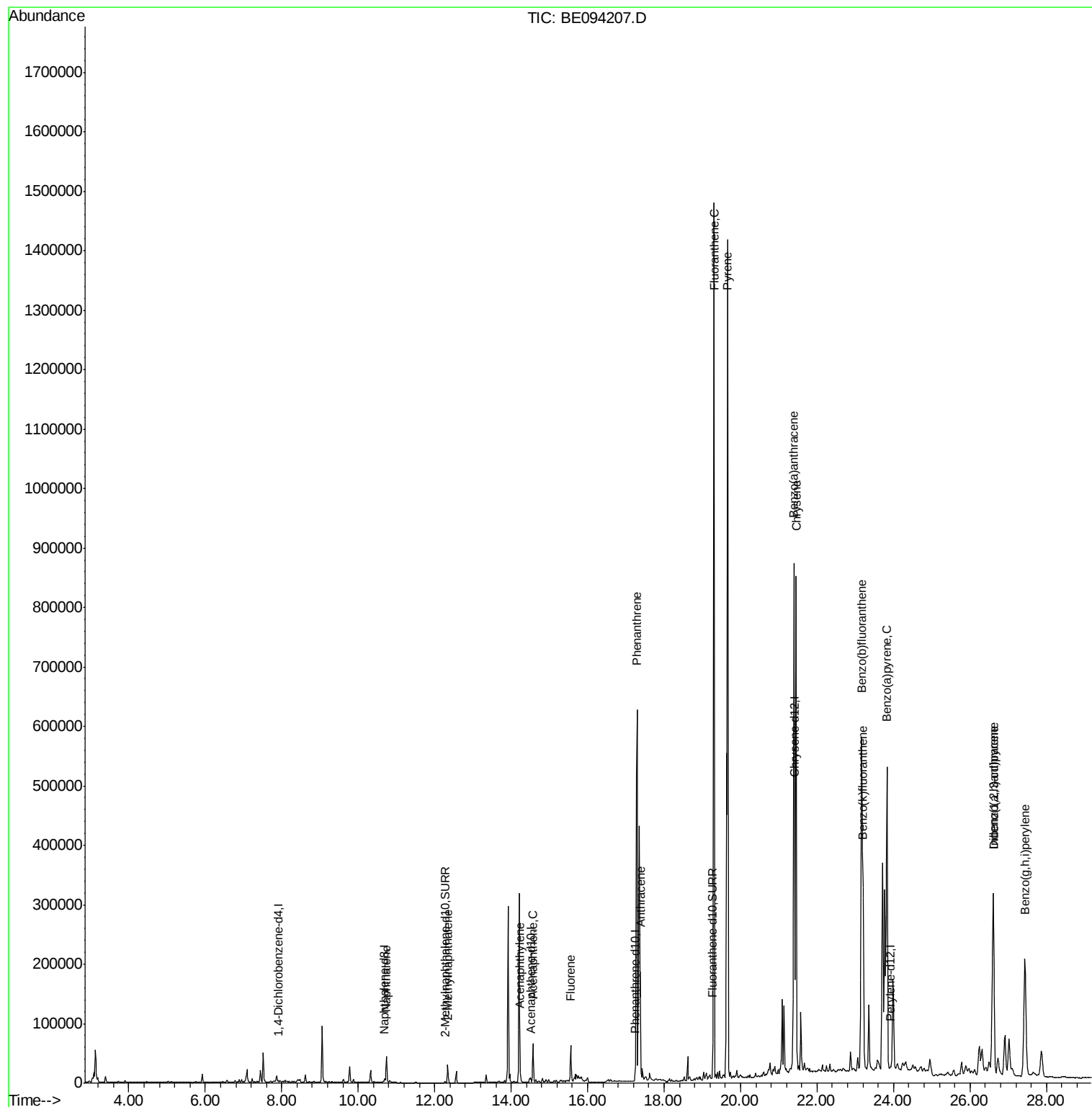
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
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ALS Vial : 12 Sample Multiplier: 1

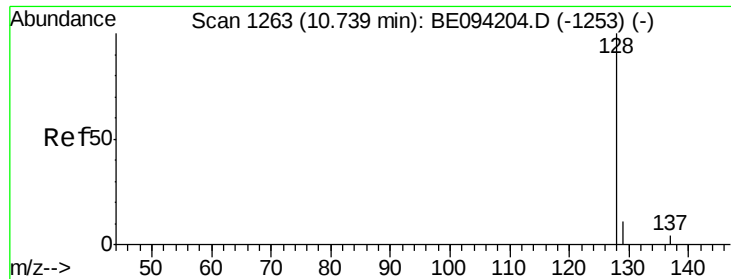
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QLast Update : Fri Sep 22 01:38:22 2017
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#3

Naphthalene

Concen: 3.98 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

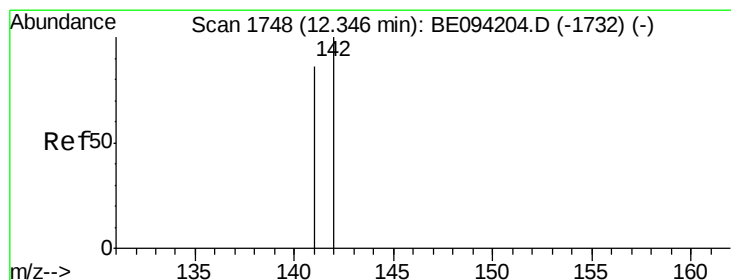
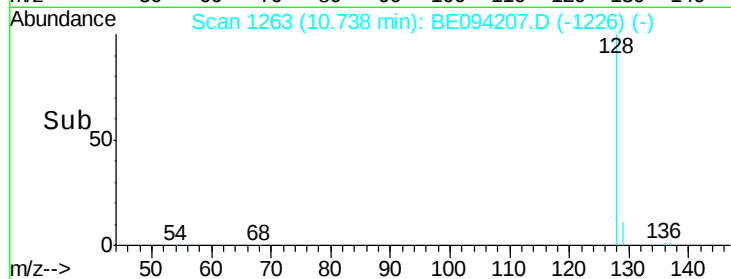
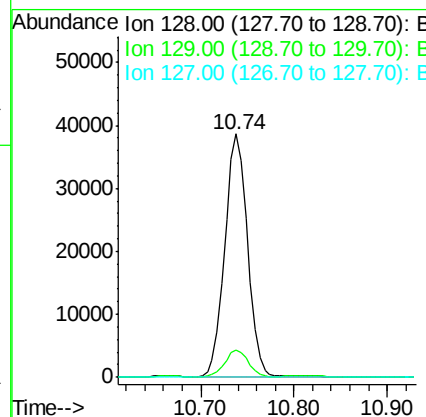
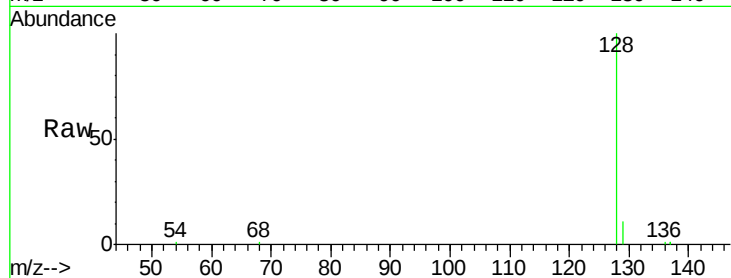
ClientSampleId :

B-60(FILL)-092617

Tgt Ion:	128	Resp:	65512
Ion Ratio	Lower	Upper	
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 2.36 ng/ul

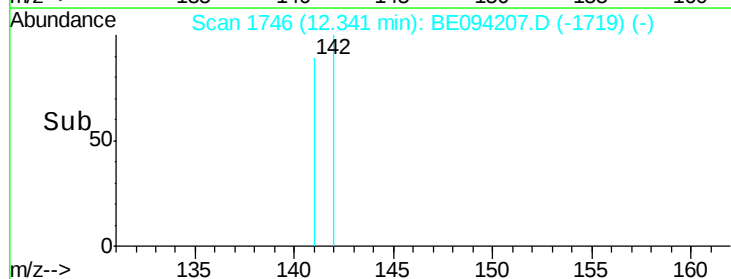
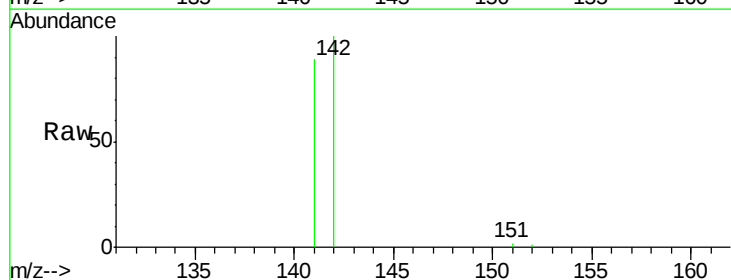
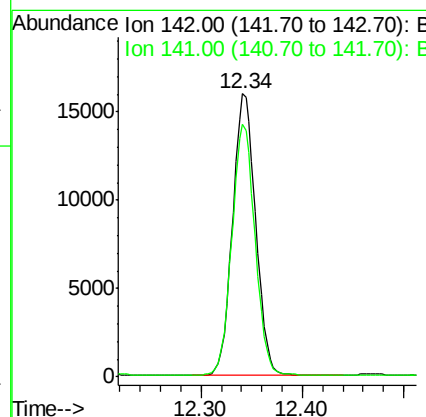
RT: 12.34 min Scan# 1746

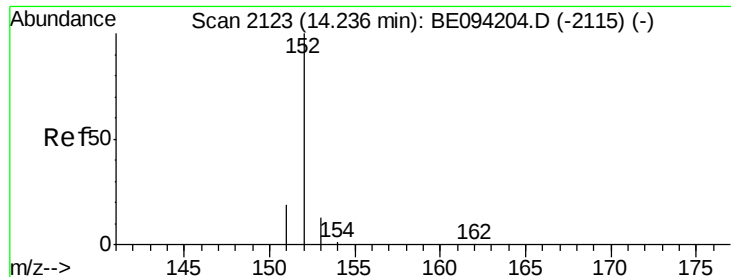
Delta R.T. -0.02 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Tgt Ion:	142	Resp:	25175
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.6	108.8





#7

Acenaphthylene

Concen: 1.73 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

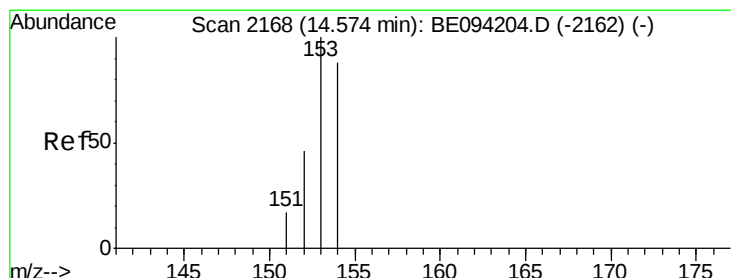
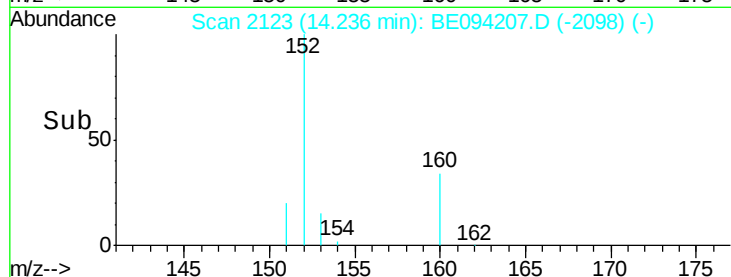
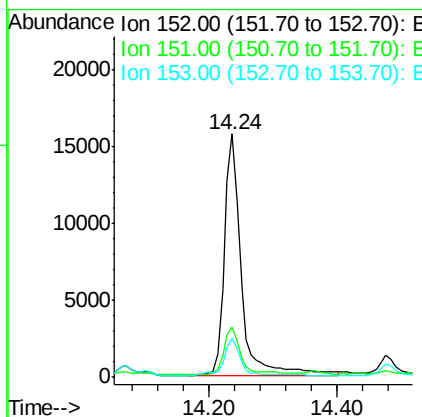
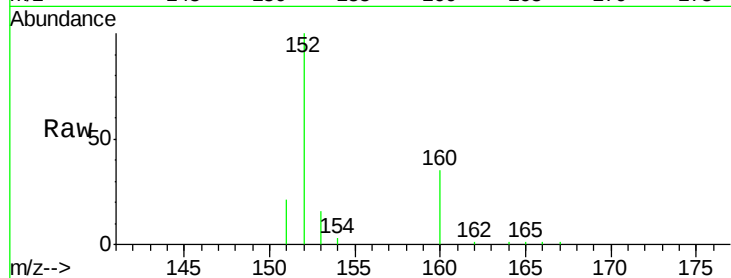
ClientSampleId :

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Tgt Ion:	152	Resp:	28873
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	15.8	12.8	19.2

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#8

Acenaphthene

Concen: 2.80 ng/ul

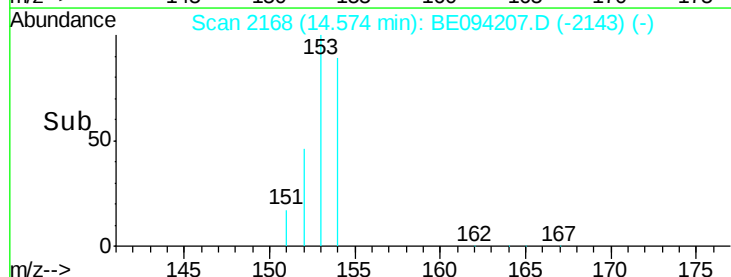
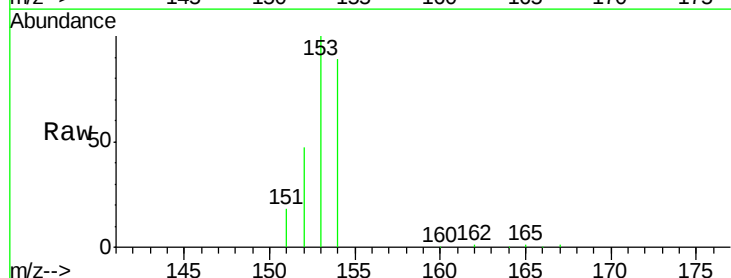
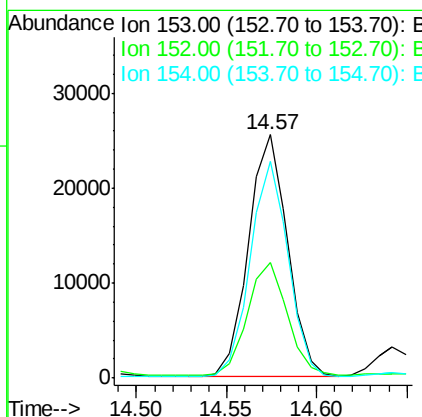
RT: 14.57 min Scan# 2168

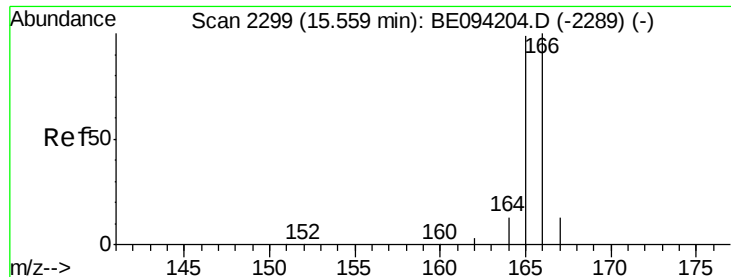
Delta R.T. -0.02 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Tgt Ion:	153	Resp:	38526
Ion Ratio	Lower	Upper	
153	100		
152	47.2	40.3	60.5
154	89.1	71.4	107.2





#9

Fluorene

Concen: 2.44 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

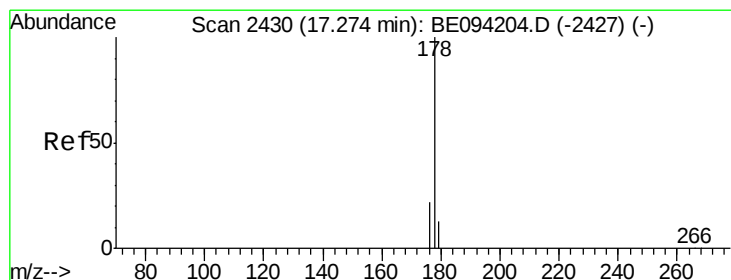
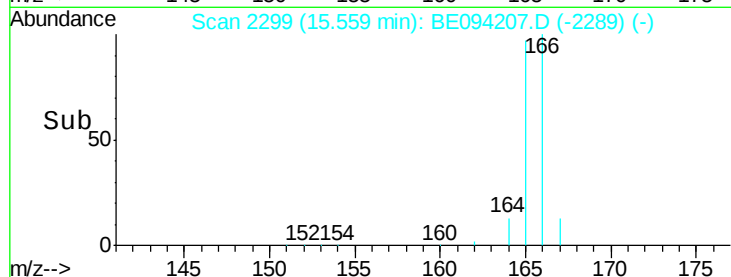
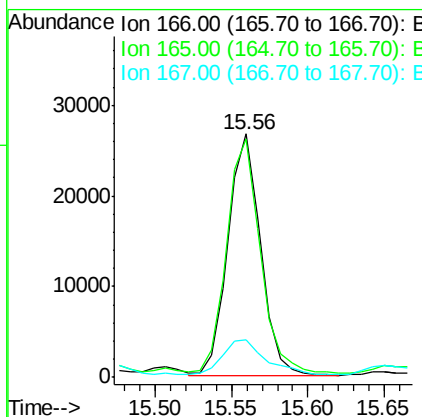
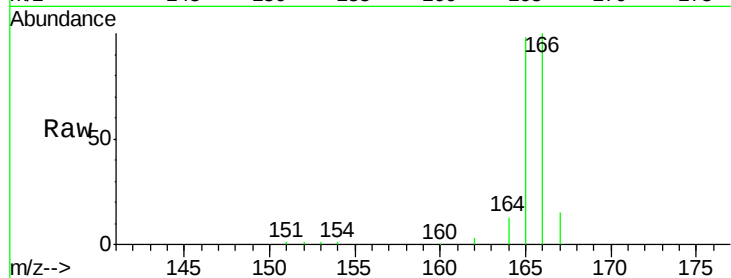
ClientSampleId :

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Tgt Ion:	166	Resp:	39382
Ion Ratio	Lower	Upper	
166	100		
165	98.1	73.4	110.2
167	15.4	14.6	22.0

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#12

Phenanthrene

Concen: 41.77 ng/ul

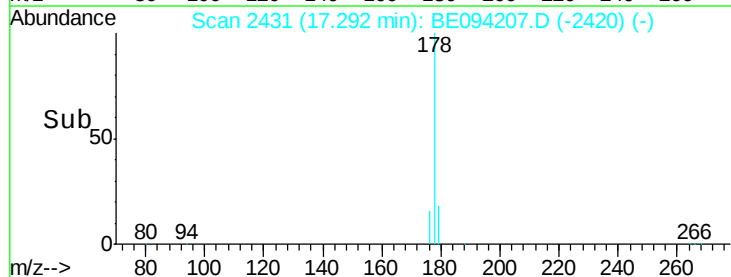
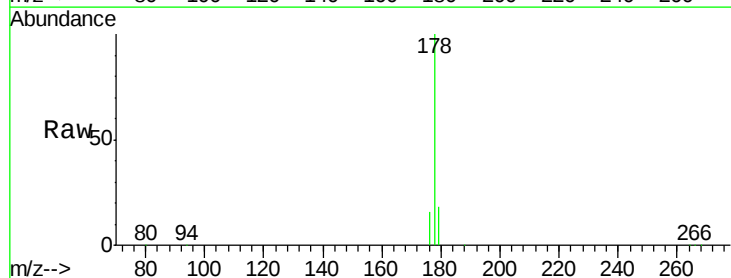
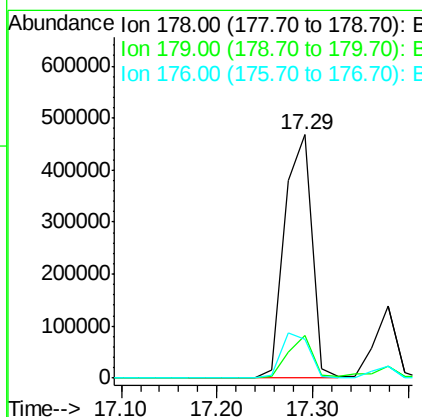
RT: 17.29 min Scan# 2431

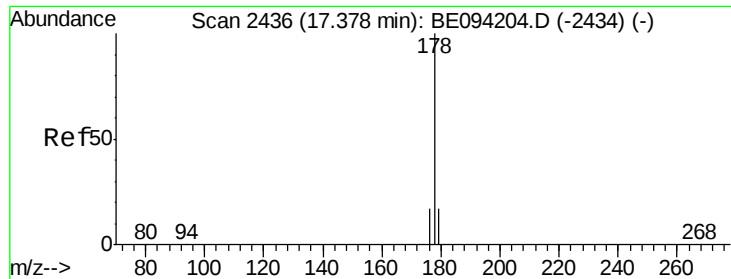
Delta R.T. -0.02 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Tgt Ion:	178	Resp:	917561
Ion Ratio	Lower	Upper	
178	100		
179	17.7	18.4	27.6#
176	16.1	13.6	20.4





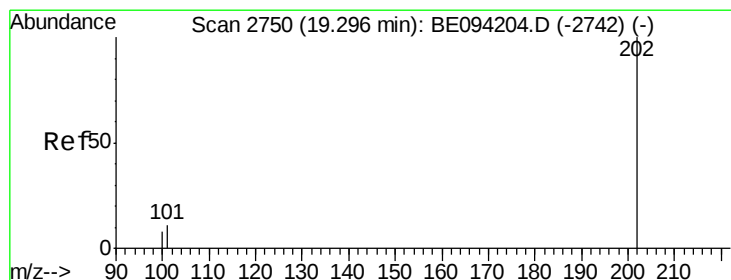
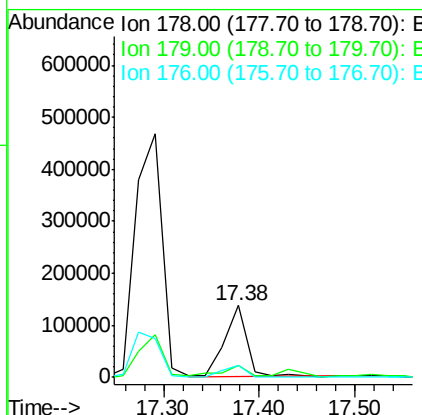
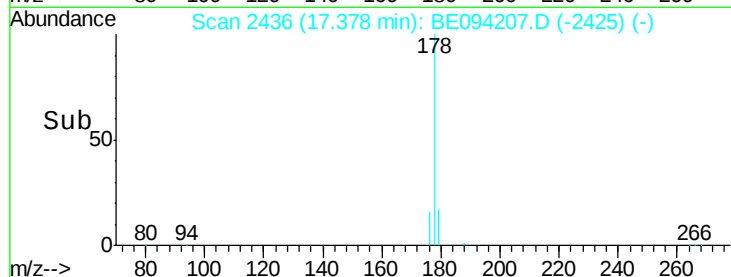
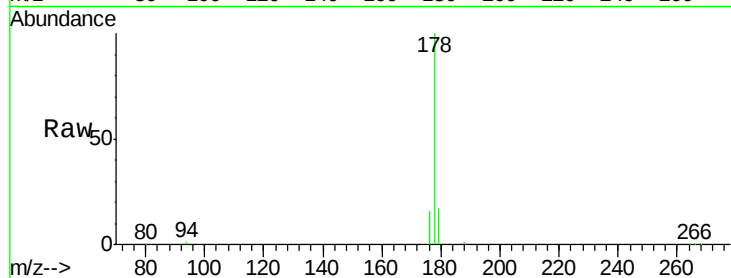
#13
 Anthracene
 Concen: 10.37 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094207.D
 Acq: 7 Oct 2017 17:53

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 BNA_E
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.1	27.1#
176	16.1	14.7	22.1

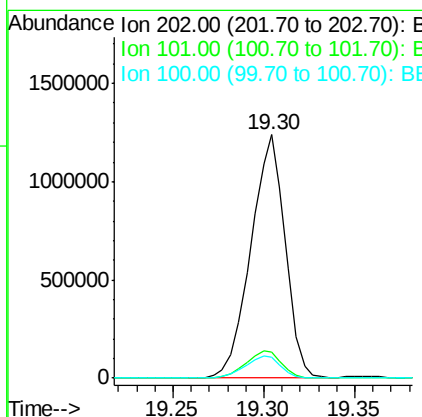
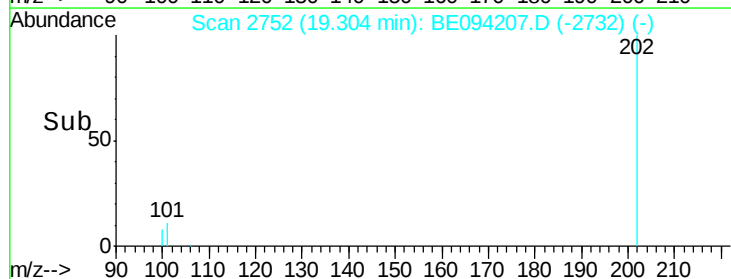
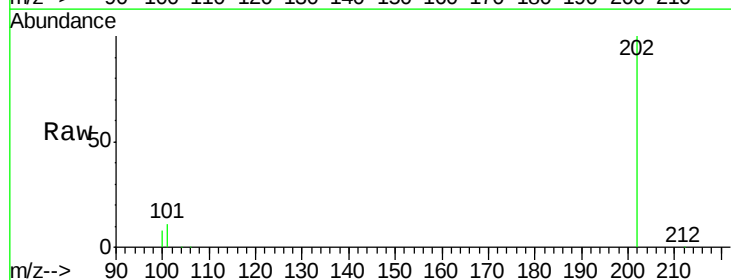
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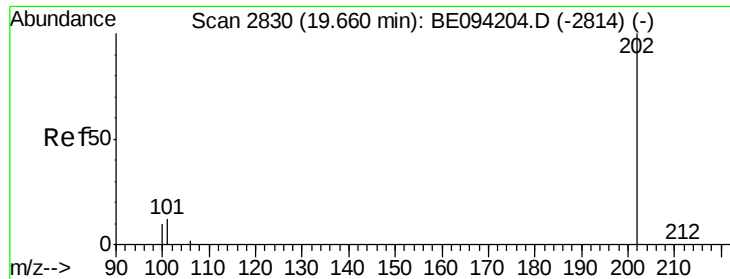
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#15
 Fluoranthene
 Concen: 56.60 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094207.D
 Acq: 7 Oct 2017 17:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.5	0.0	39.5





#17

Pyrene

Concen: 68.06 ng/u1

RT: 19.66 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

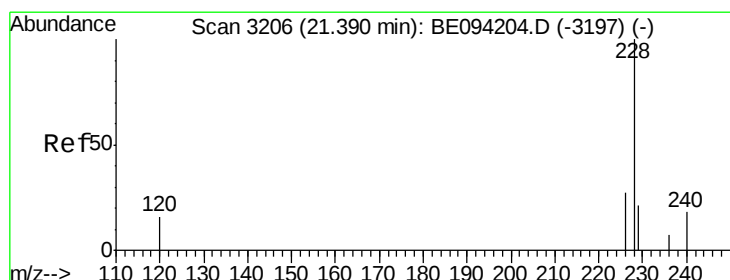
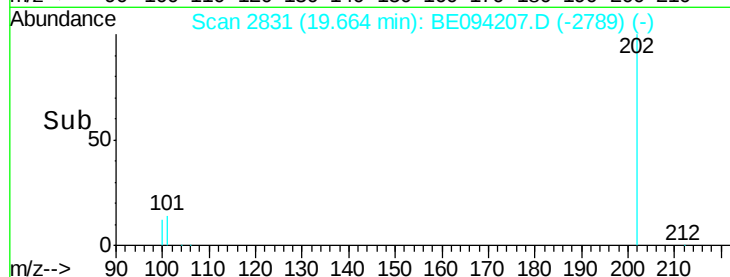
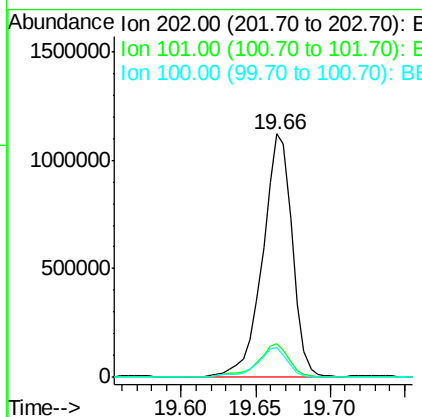
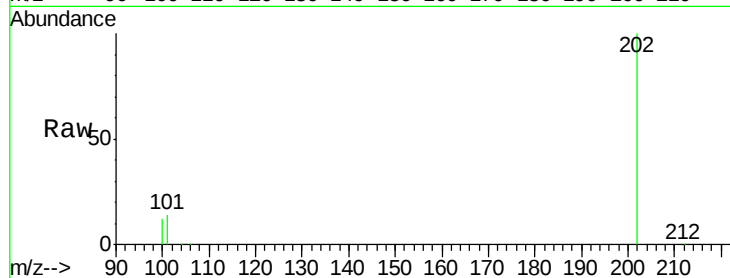
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Tgt Ion:	202	Resp:	1540843
Ion Ratio	Lower	Upper	
202	100		
101	13.7	18.2	27.4#
100	12.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 40.32 ng/u1

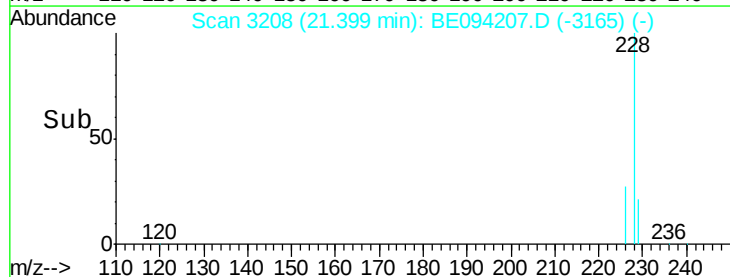
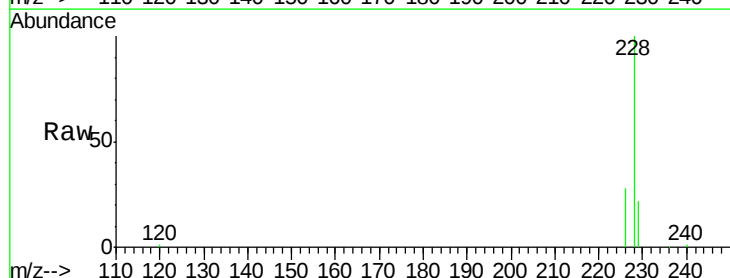
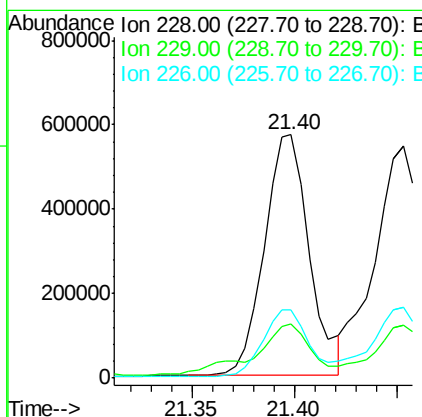
RT: 21.40 min Scan# 3208

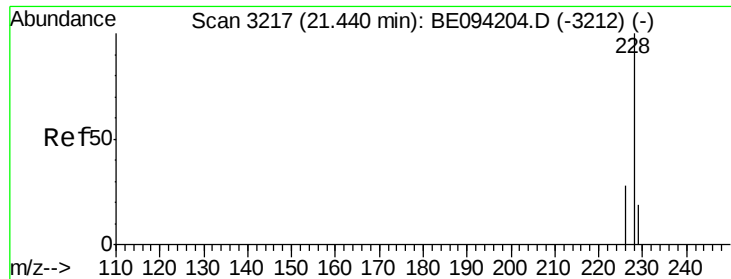
Delta R.T. -0.01 min

Lab File: BE094207.D

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Tgt Ion:	228	Resp:	870383
Ion Ratio	Lower	Upper	
228	100		
229	22.1	22.8	34.2#
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 34.31 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Instrument :

BNA_E

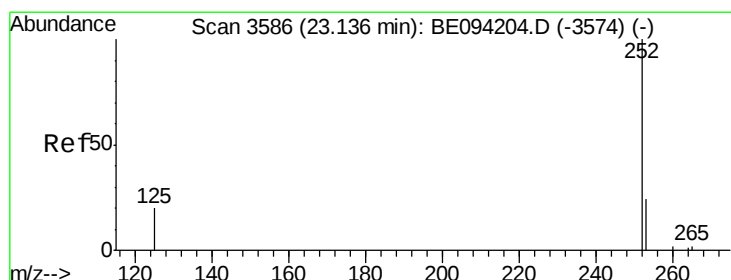
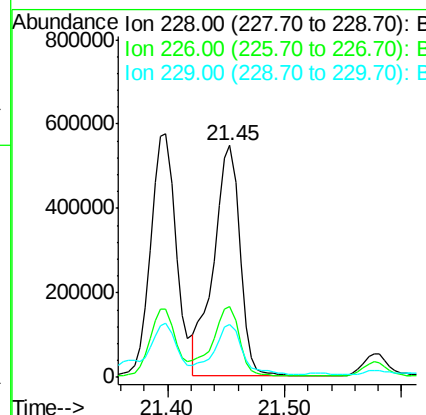
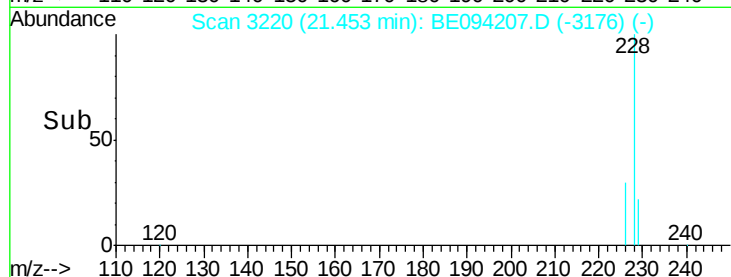
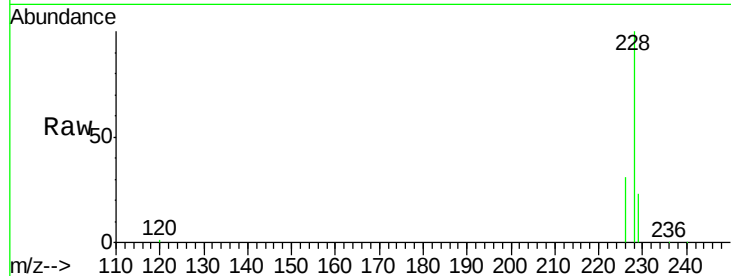
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Tgt Ion:	228	Resp:	855351
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.0
229	23.1	17.7	26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 54.90 ng/ul m

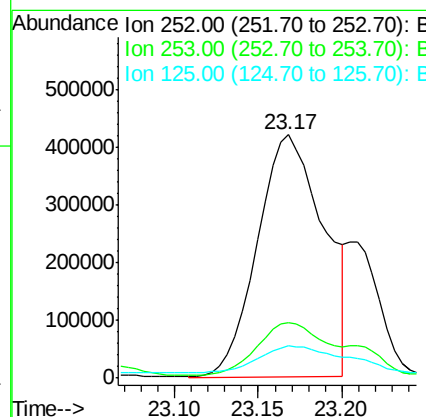
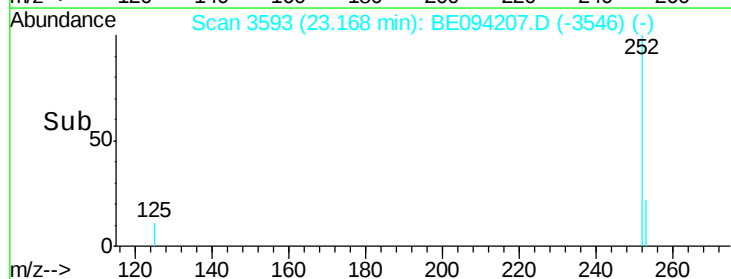
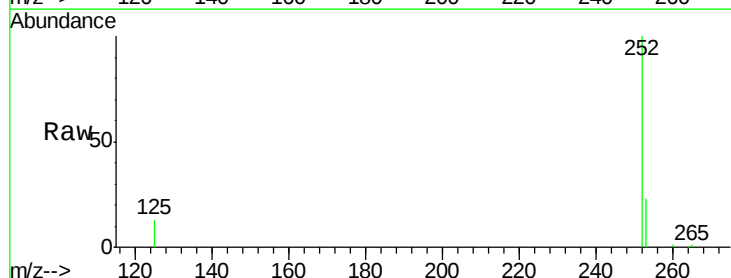
RT: 23.17 min Scan# 3593

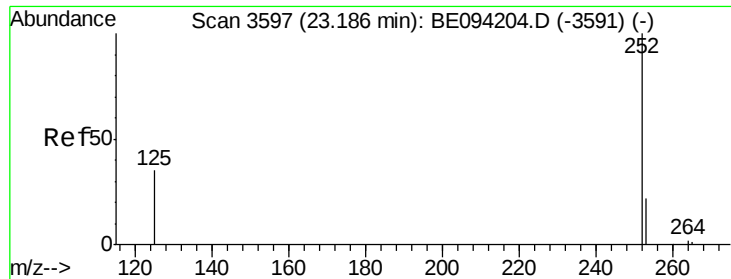
Delta R.T. 0.01 min

Lab File: BE094207.D

Acq: 7 Oct 2017 17:53

Tgt Ion:	252	Resp:	1154192
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	13.1	0.0	35.0





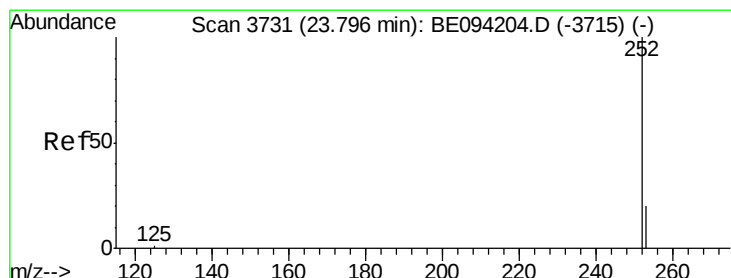
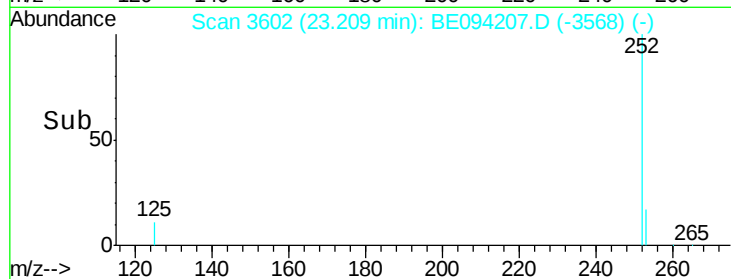
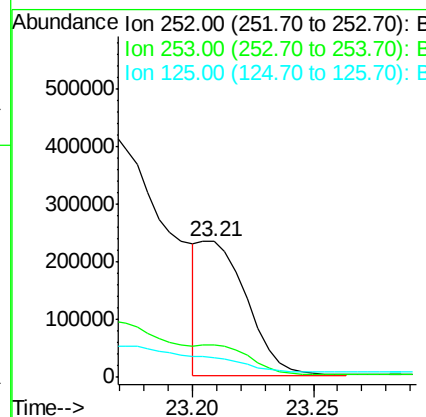
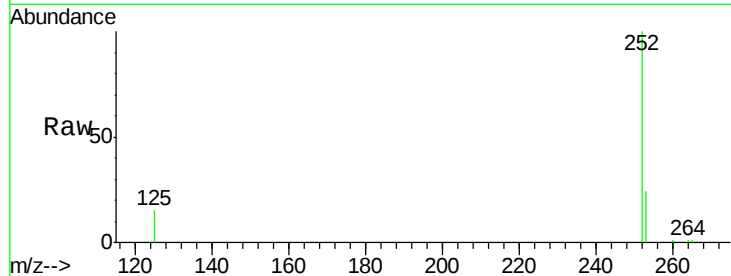
#22
Benzo(k)fluoranthene
Concen: 13.26 ng/ul m
RT: 23.21 min Scan# 3602
Delta R.T. 0.01 min
Lab File: BE094207.D
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Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	14.7	13.7	20.5

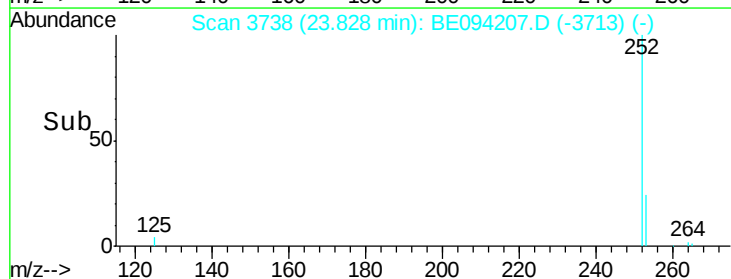
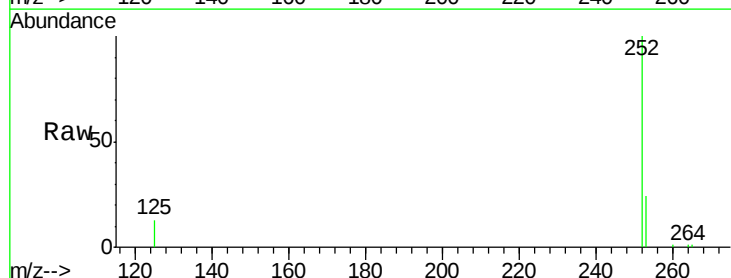
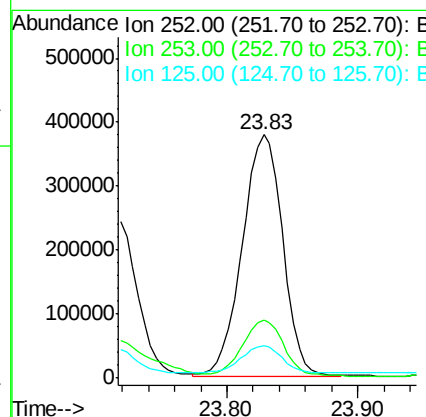
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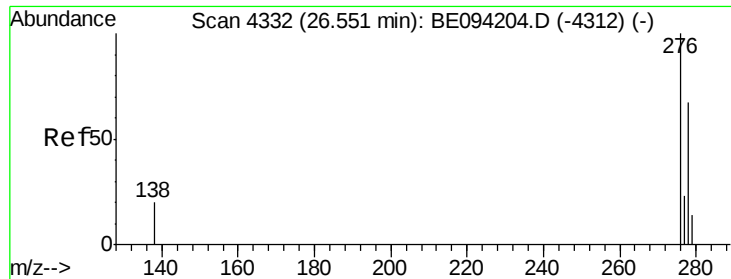
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#23
Benzo(a)pyrene
Concen: 37.11 ng/ul m
RT: 23.83 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE094207.D
Acq: 7 Oct 2017 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	13.4	18.1	27.1#





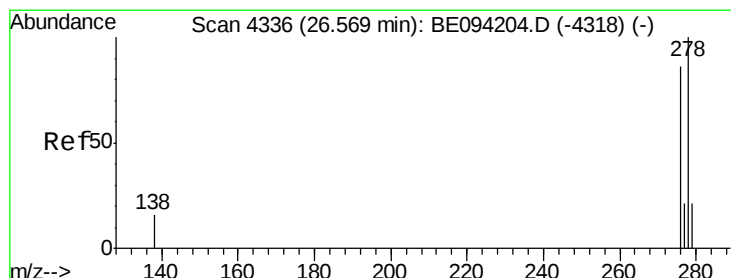
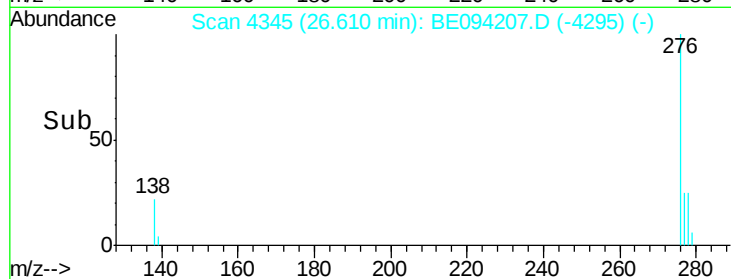
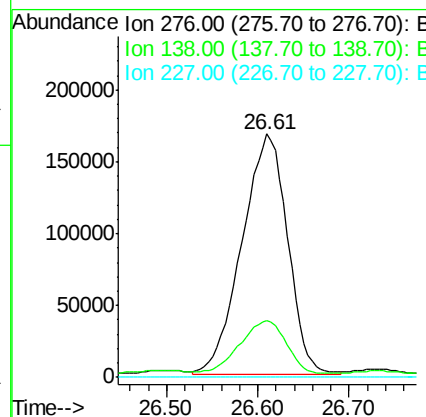
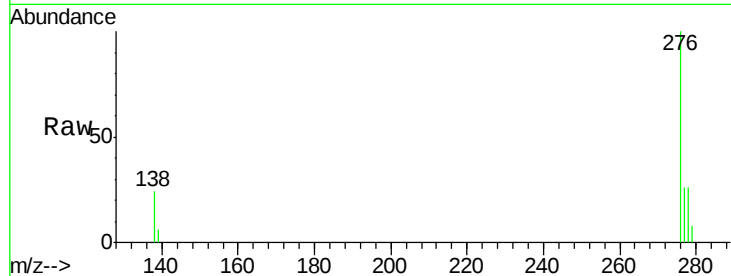
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 26.00 ng/ul m
 RT: 26.61 min Scan# 4345
 Delta R.T. 0.03 min
 Lab File: BE094207.D
 Acq: 7 Oct 2017 17:53

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.5	28.0	42.0#
227	0.0	8.0	12.0#

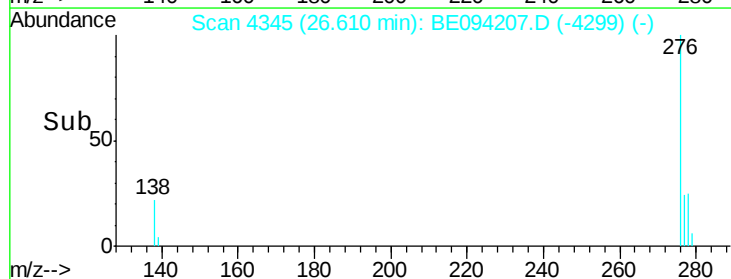
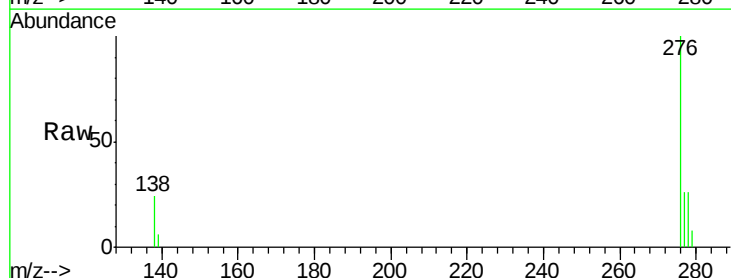
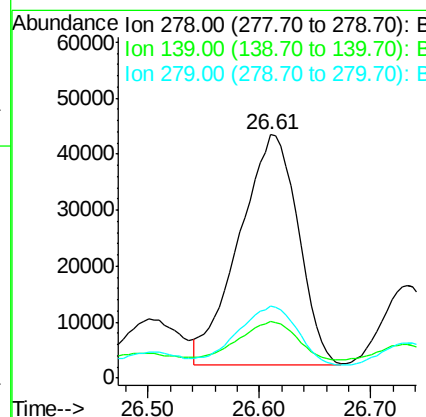
Manual Integrations
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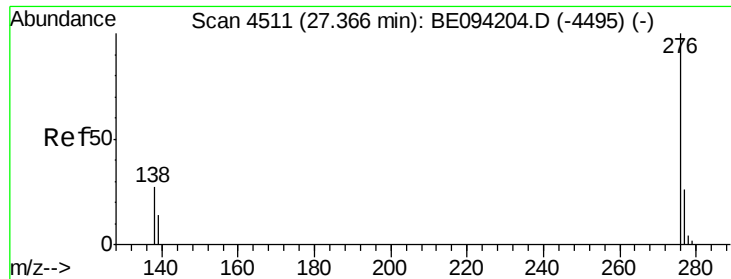
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#25
 Dibenzo(a,h)anthracene
 Concen: 7.98 ng/ul m
 RT: 26.61 min Scan# 4345
 Delta R.T. 0.01 min
 Lab File: BE094207.D
 Acq: 7 Oct 2017 17:53

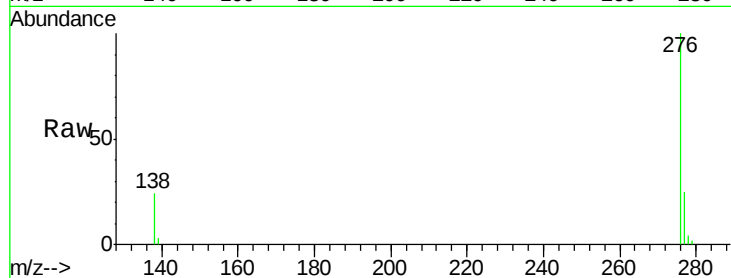
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	23.1	17.4	26.0
279	29.7	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 26.78 ng/ul m
 RT: 27.43 min Scan# 4526
 Delta R.T. 0.04 min
 Lab File: BE094207.D
 Acq: 7 Oct 2017 17:53

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617



Tgt	Ion	276	Resp:	516163
Ion	Ratio	Lower	Upper	
276	100			
138	23.9	21.8	32.8	
277	24.7	20.5	30.7	

Manual Integrations
 APPROVED

Sohil
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