

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094361.D
 Acq On : 14 Oct 2017 18:47
 Operator : SJ/JU
 Sample : I5611-02 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-44(5-5.5)_100217

Manual Integrations
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Quant Time: Oct 15 01:59:17 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1940	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8388	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4878	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10044	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	9409	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	9713	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1271	0.10	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	2641	0.08	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	143065	6.963	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	82277	6.173	ng/ul	98
7) Acenaphthylene	14.24	152	3679	0.193	ng/ul#	53
8) Acenaphthene	14.58	153	27985	1.787	ng/ul	97
9) Fluorene	15.57	166	38113	2.079	ng/ul	91
12) Phenanthrene	17.29	178	454388	17.312	ng/ul#	87
13) Anthracene	17.38	178	133042	5.212	ng/ul#	88
15) Fluoranthene	19.31	202	752977	21.833	ng/ul	84
17) Pyrene	19.67	202	728179	27.815	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	368637	14.769	ng/ul#	87
19) Chrysene	21.46	228	338023	11.726	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	392910m	14.891	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	109653m	3.595	ng/ul	
23) Benzo(a)pyrene	23.83	252	299379	10.919	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.63	276	173356	6.181	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.62	278	46780	1.988	ng/ul	96
26) Benzo(a,h,i)perylene	27.46	276	159512	6.593	ng/ul	97

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

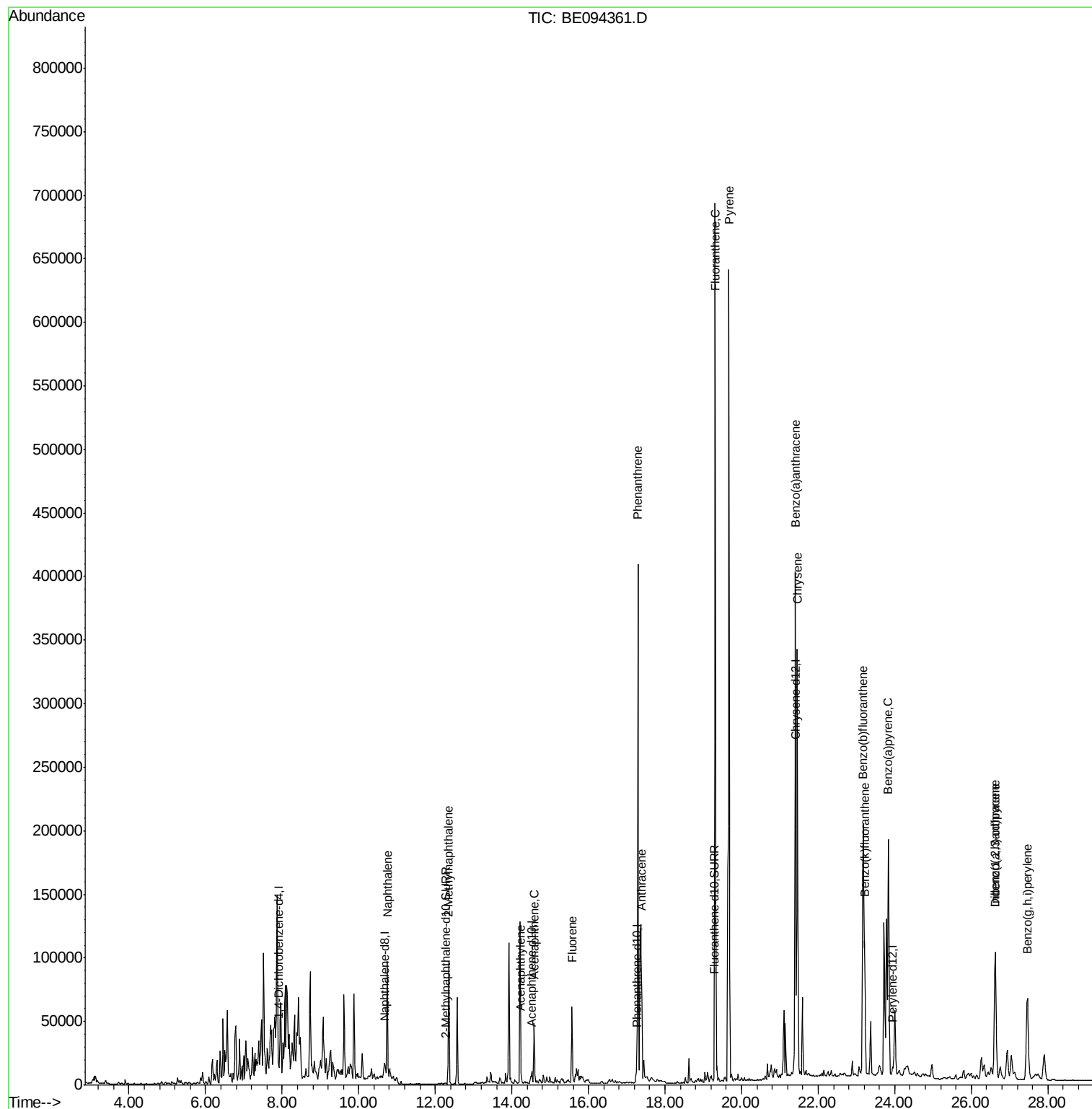
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094361.D
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ALS Vial : 9 Sample Multiplier: 1

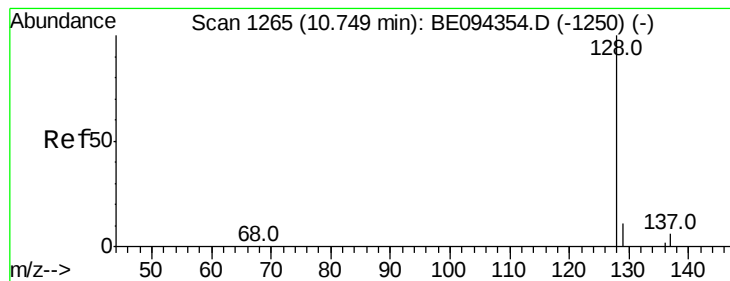
Instrument :
BNA_E
ClientSampleId :
B-44(5-5.5)_100217

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Quant Time: Oct 15 01:59:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 6.963 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094361.D

Acq: 14 Oct 2017 18:47

Instrument :

BNA_E

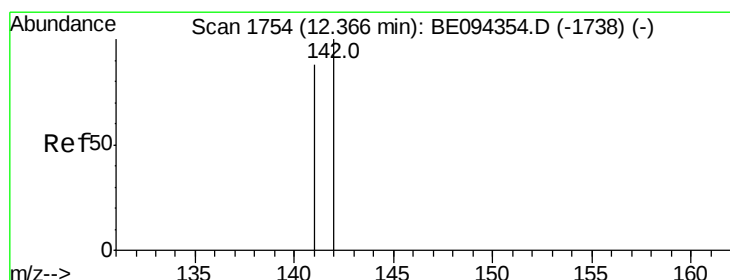
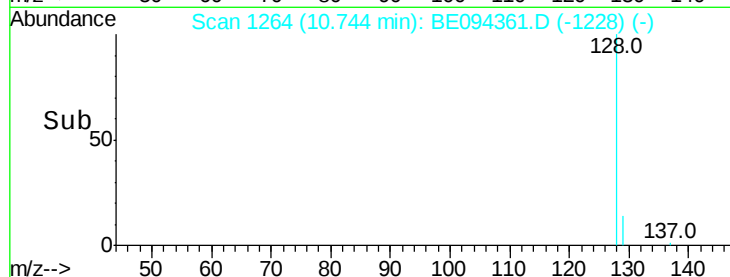
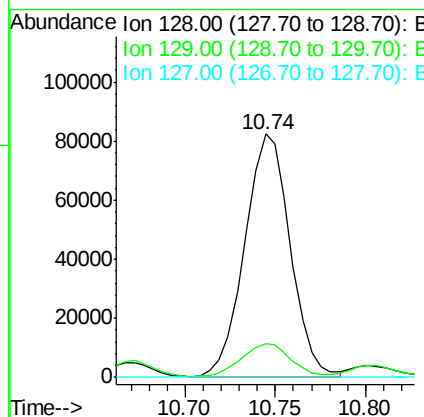
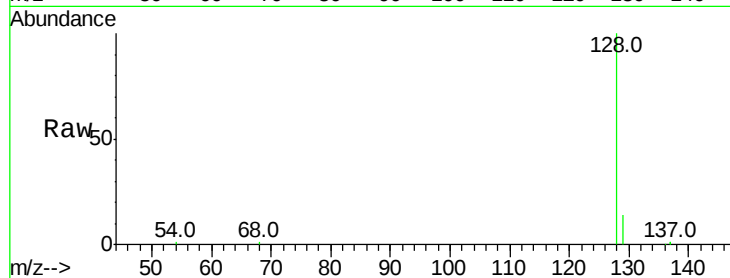
ClientSampleId :

B-44(5-5.5)_100217

Tot Ion:	128	Resp:	143065
Ion Ratio	Lower	Upper	
128	100		
129	14.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 6.173 ng/ul

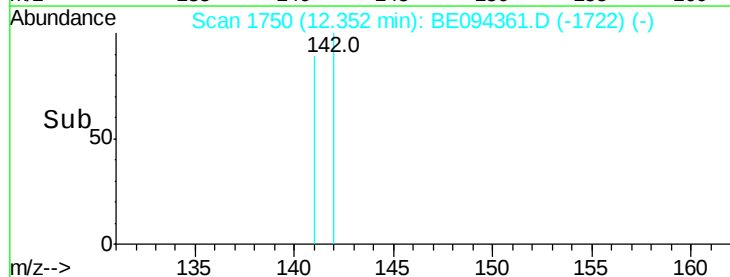
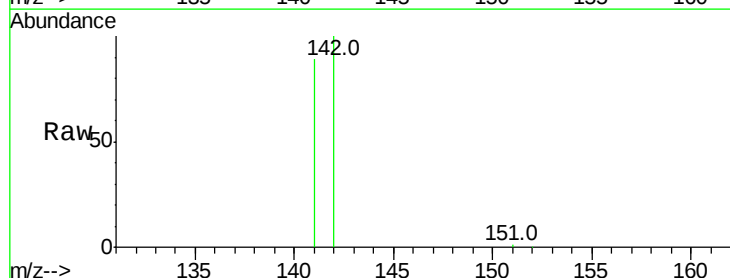
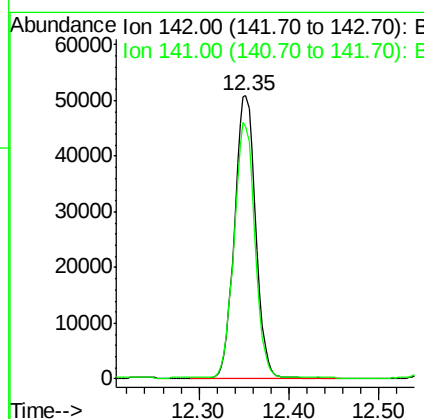
RT: 12.35 min Scan# 1750

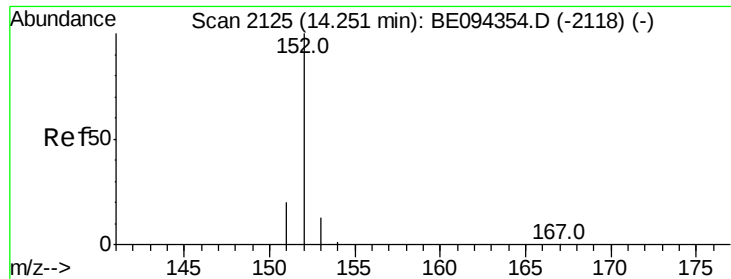
Delta R.T. -0.01 min

Lab File: BE094361.D

Acq: 14 Oct 2017 18:47

Tgt Ion:	142	Resp:	82277
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.193 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094361.D

Acq: 14 Oct 2017 18:47

Instrument :

BNA_E

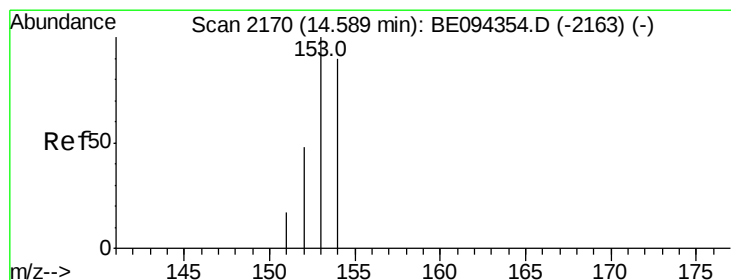
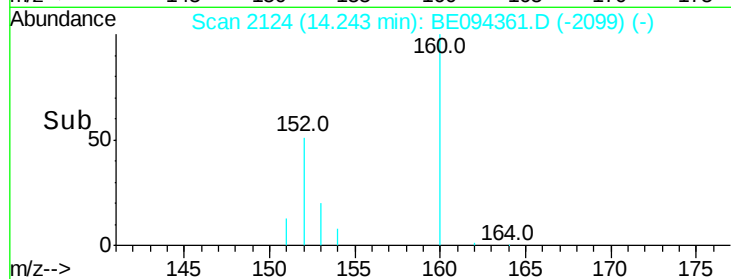
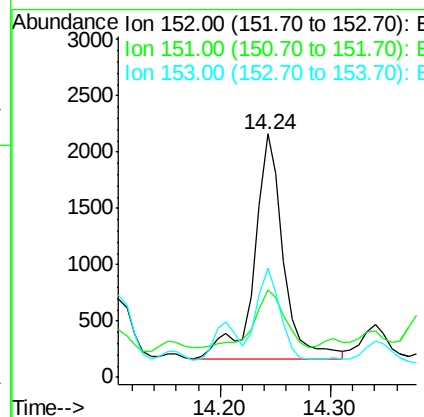
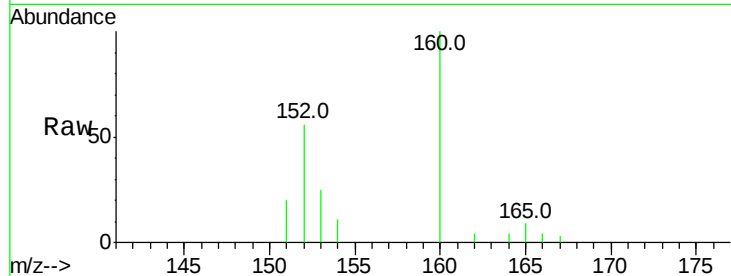
ClientSampleId :

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Tot Ion:	152	Resp:	3679
Ion	Ratio	Lower	Upper
152	100		
151	36.0	17.1	25.7#
153	44.8	12.8	19.2#

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#8

Acenaphthene

Concen: 1.787 ng/ul

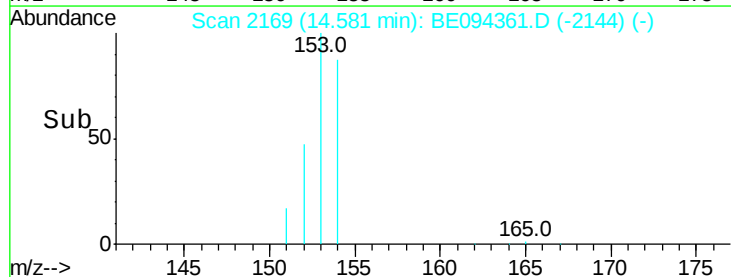
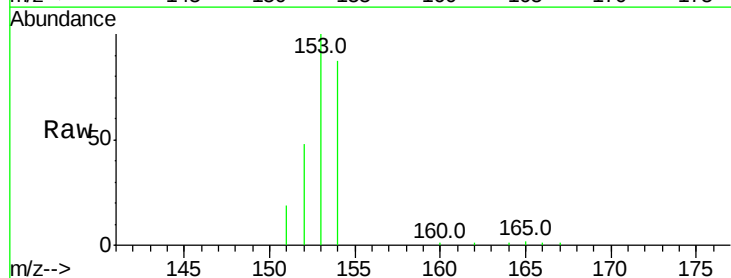
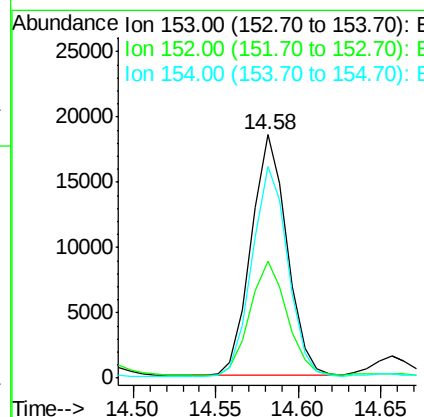
RT: 14.58 min Scan# 2169

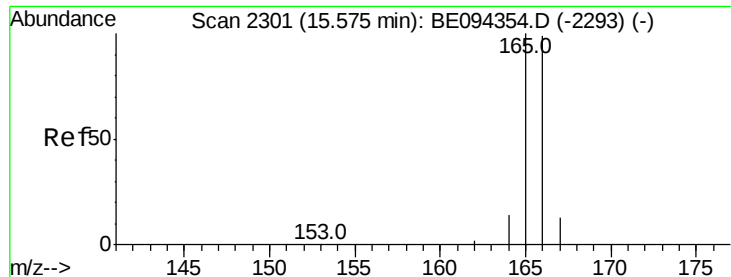
Delta R.T. -0.01 min

Lab File: BE094361.D

Acq: 14 Oct 2017 18:47

Tgt Ion:	153	Resp:	27985
Ion	Ratio	Lower	Upper
153	100		
152	48.0	40.3	60.5
154	87.0	71.4	107.2





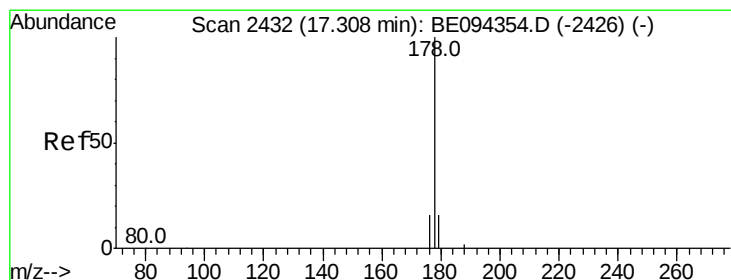
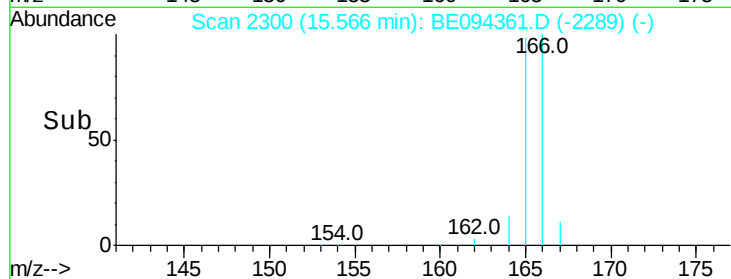
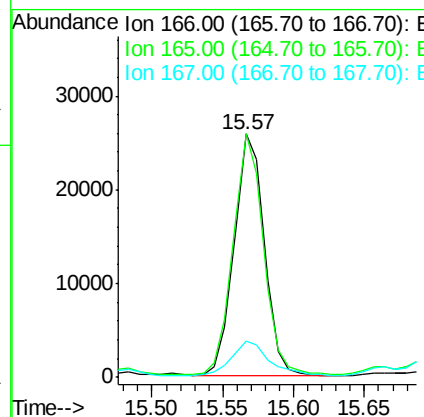
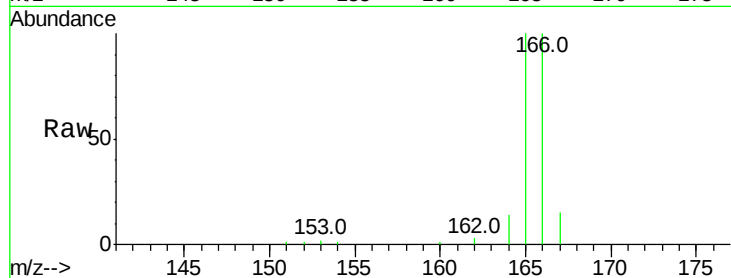
#9
Fluorene
 Concen: 2.079 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BE094361.D
 Acq: 14 Oct 2017 18:47

Instrument :
 BNA_E
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Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	73.4	110.2
167	14.8	14.6	22.0

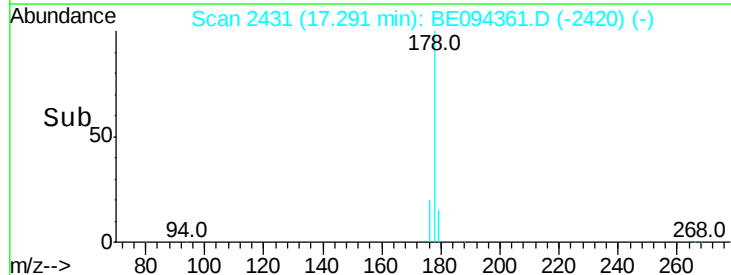
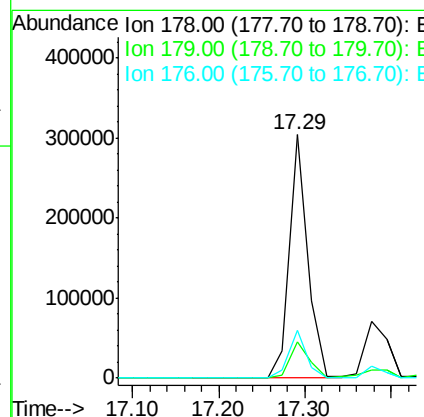
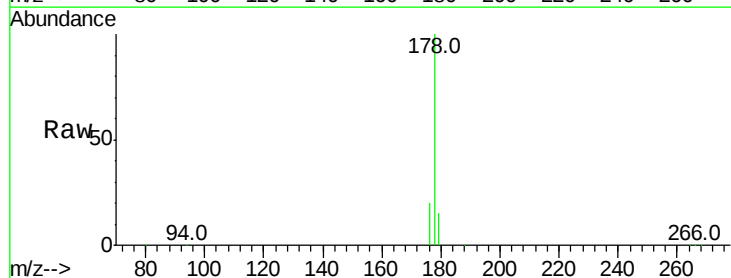
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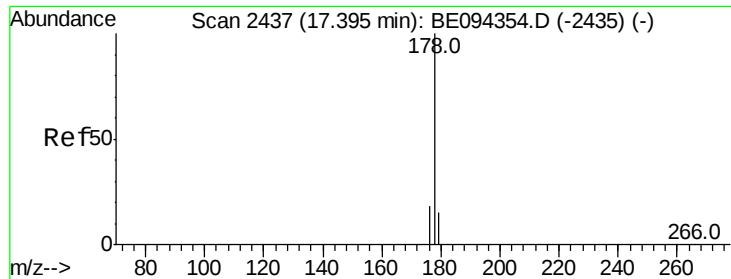
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#12
Phenanthrene
 Concen: 17.312 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094361.D
 Acq: 14 Oct 2017 18:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	19.8	13.6	20.4





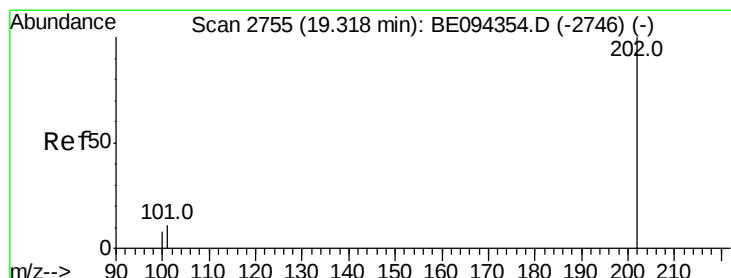
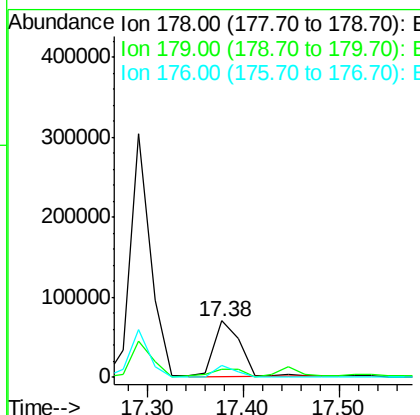
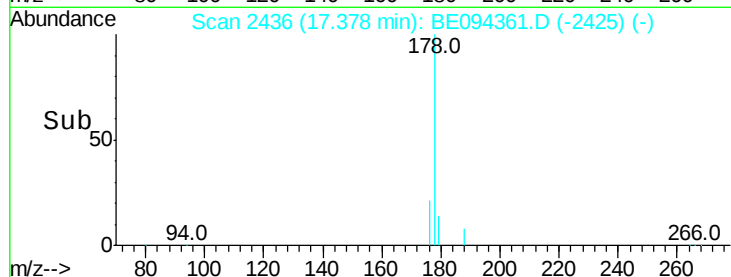
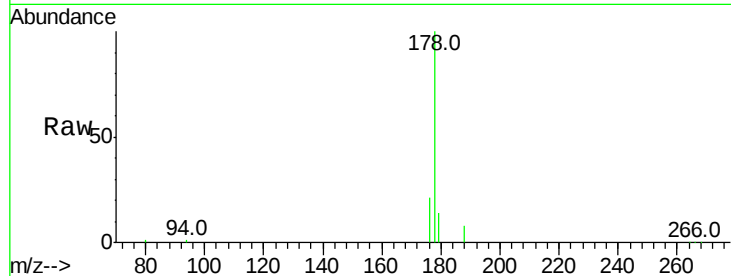
#13
 Anthracene
 Concen: 5.212 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094361.D
 Acq: 14 Oct 2017 18:47

Instrument :
 BNA_E
 ClientSampleId :
 B-44(5-5.5)_100217

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	18.1	27.1#
176	21.2	14.7	22.1

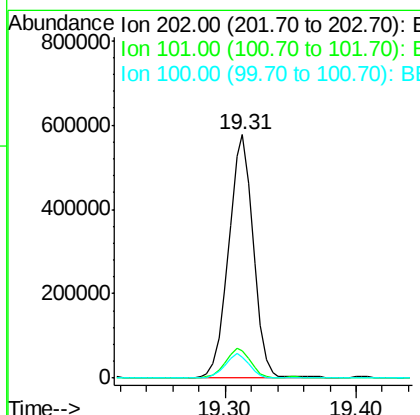
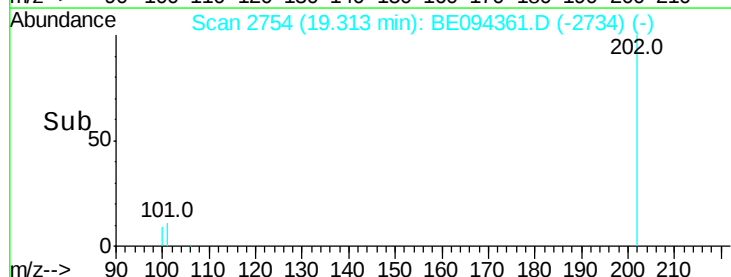
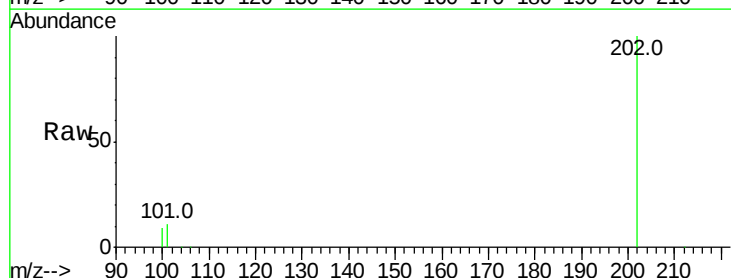
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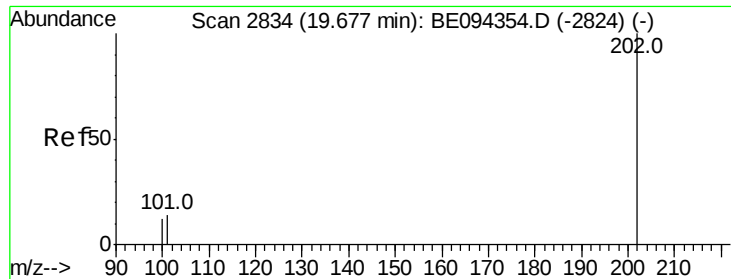
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#15
 Fluoranthene
 Concen: 21.833 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.01 min
 Lab File: BE094361.D
 Acq: 14 Oct 2017 18:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
100	8.8	0.0	39.5





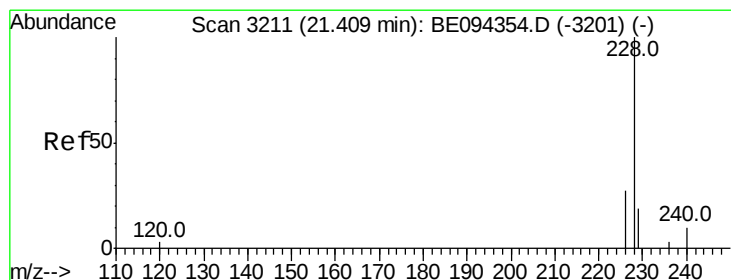
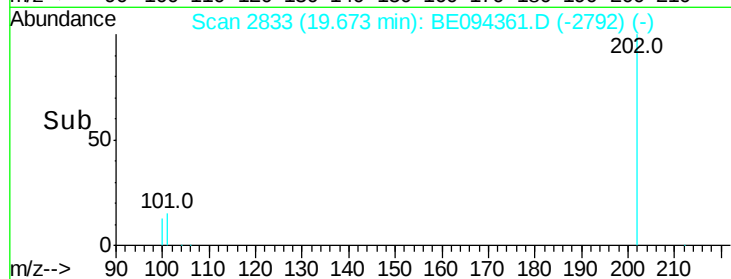
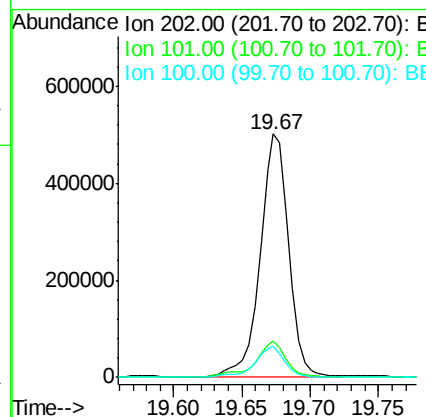
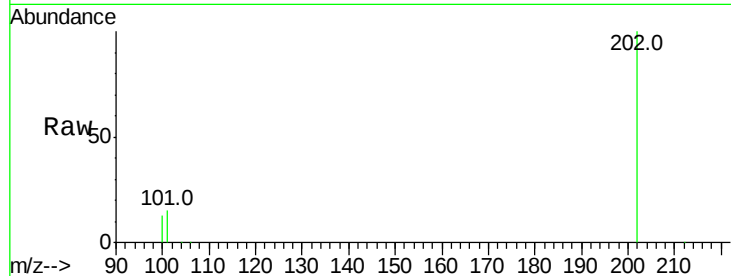
#17
Pvrene
Concen: 27.815 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094361.D
Acq: 14 Oct 2017 18:47

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	18.2	27.4#
100	12.6	15.6	23.4#

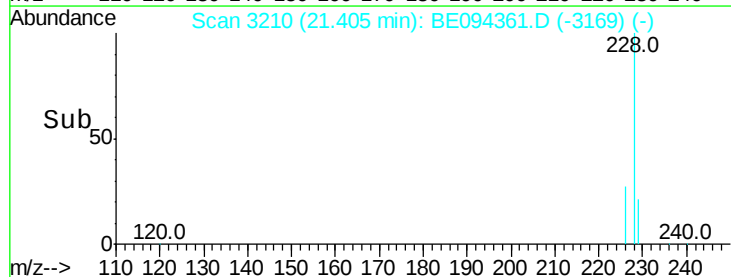
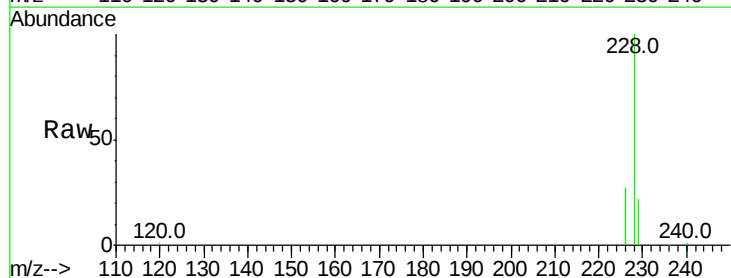
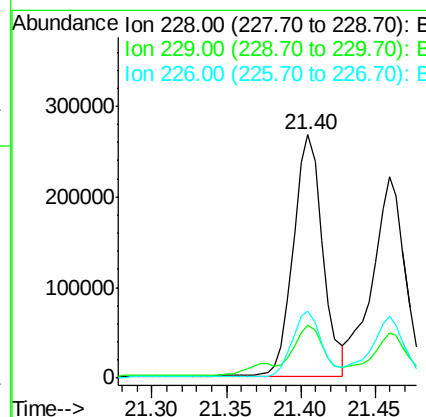
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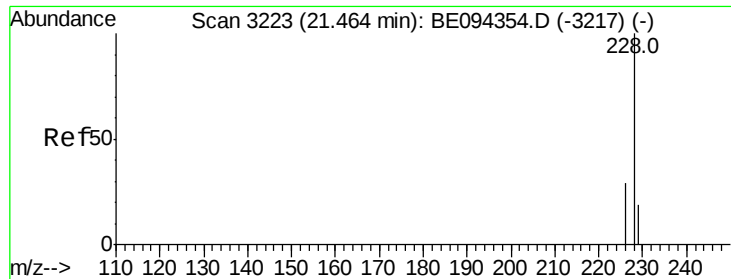
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#18
Benzo(a)anthracene
Concen: 14.769 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094361.D
Acq: 14 Oct 2017 18:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	22.8	34.2#
226	27.3	17.0	25.6#





#19

Chrysene

Concen: 11.726 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094361.D

Acq: 14 Oct 2017 18:47

Instrument :

BNA_E

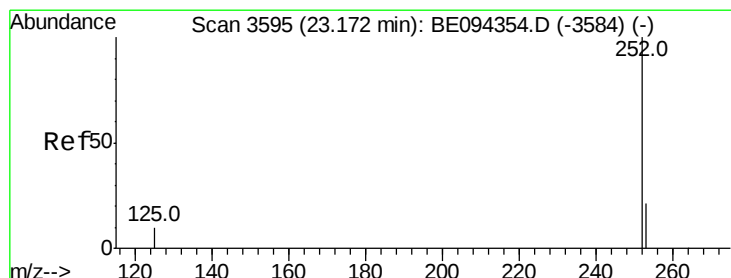
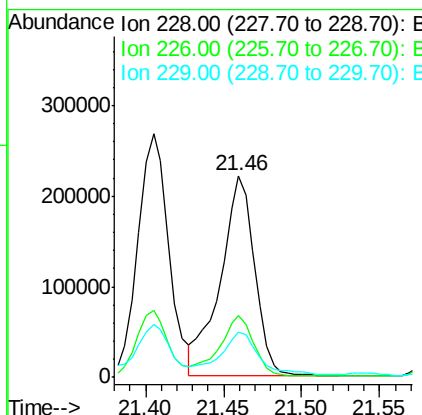
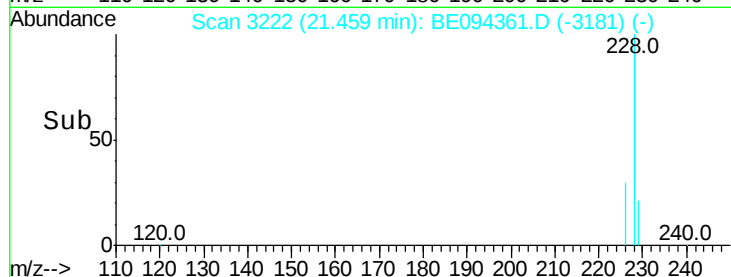
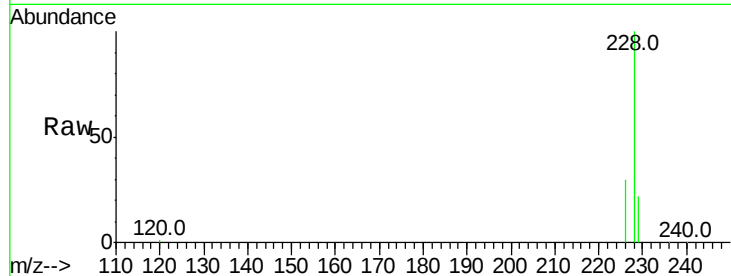
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Tot Ion:	228	Resp:	338023
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	22.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 14.891 ng/ul m

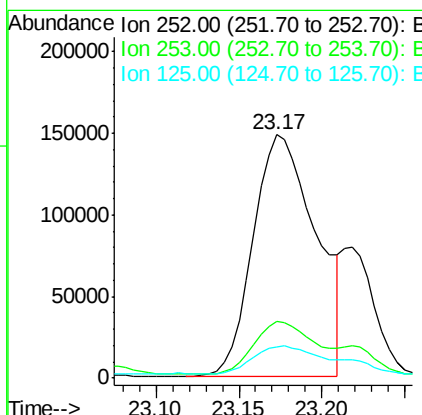
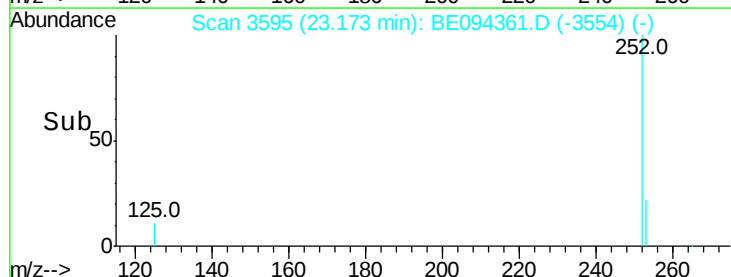
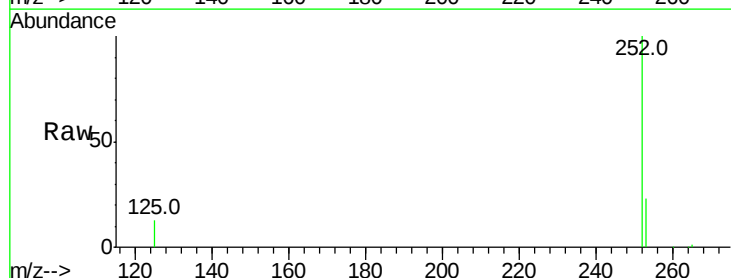
RT: 23.17 min Scan# 3595

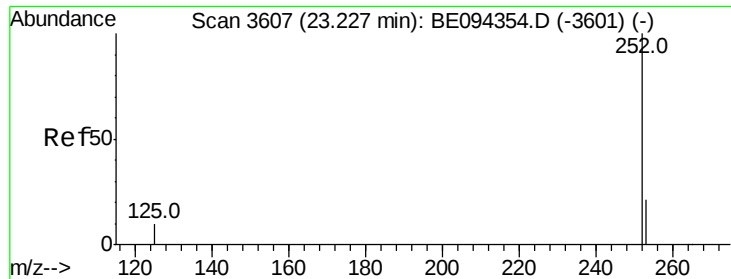
Delta R.T. -0.01 min

Lab File: BE094361.D

Acq: 14 Oct 2017 18:47

Tgt Ion:	252	Resp:	392910
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	13.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.595 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. -0.02 min

Lab File: BE094361.D

Acq: 14 Oct 2017 18:47

Instrument :

BNA_E

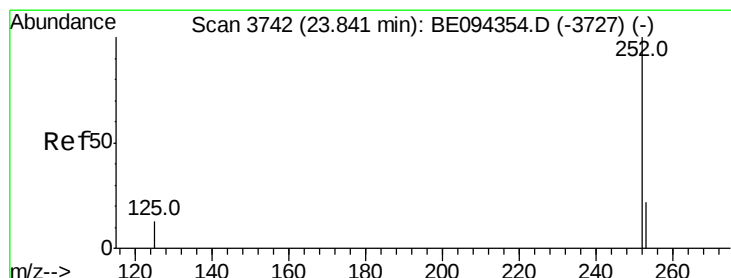
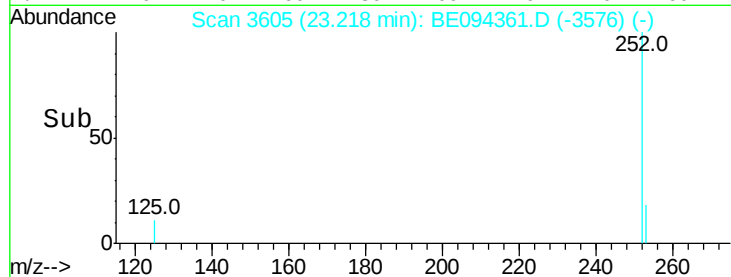
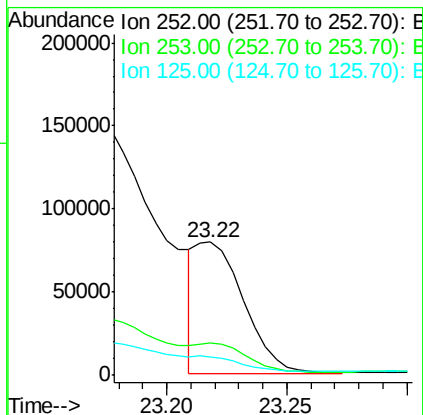
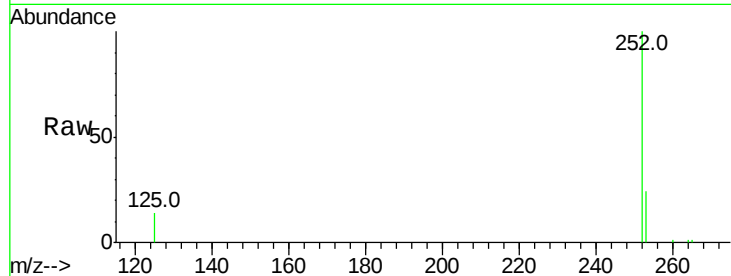
ClientSampleId :

B-44(5-5.5)_100217

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.5	36.7#
125	13.9	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 10.919 ng/ul

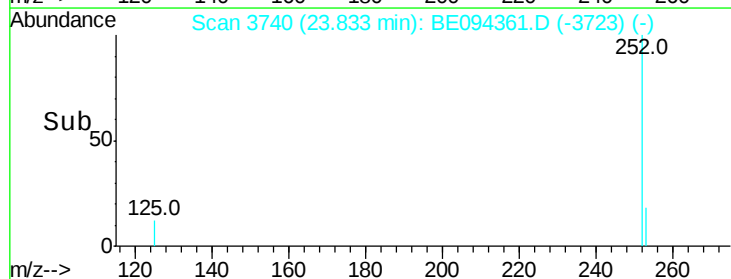
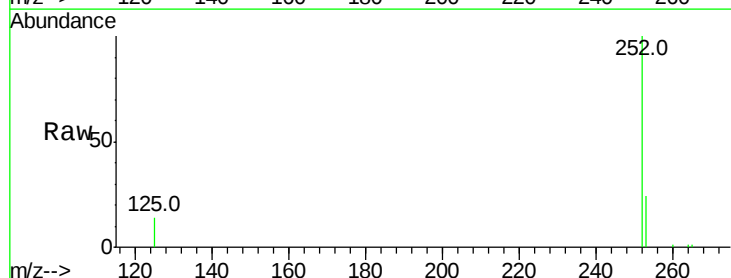
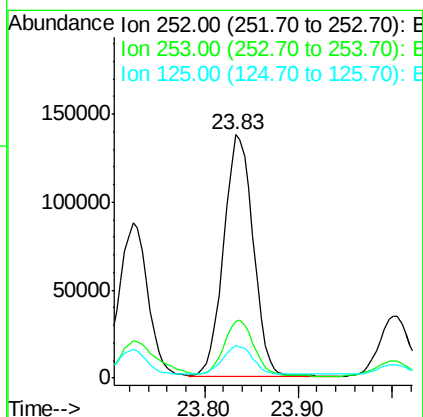
RT: 23.83 min Scan# 3740

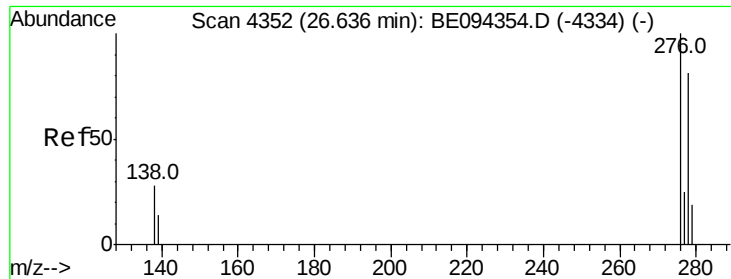
Delta R.T. -0.02 min

Lab File: BE094361.D

Acq: 14 Oct 2017 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	13.5	18.1	27.1#





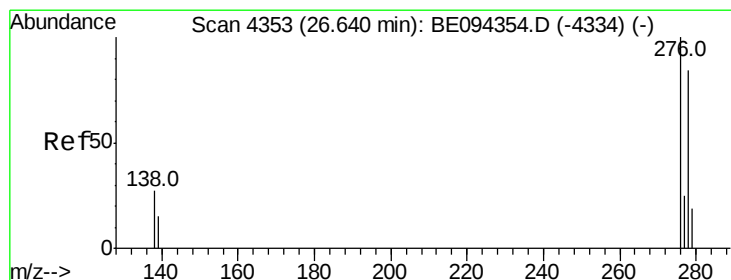
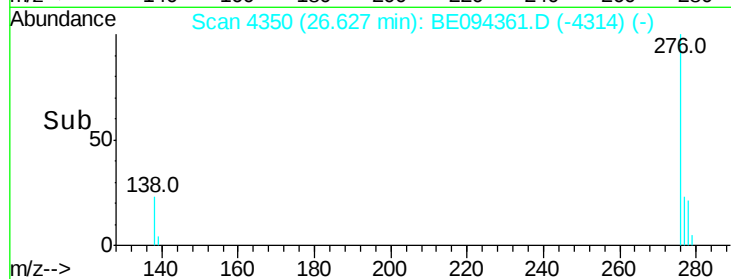
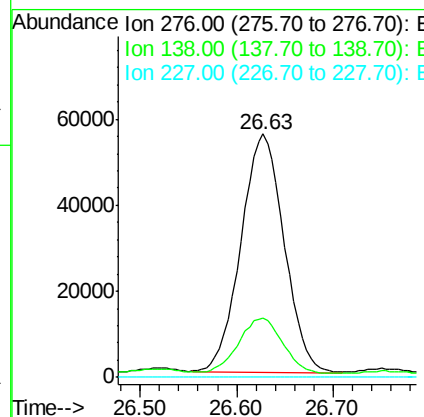
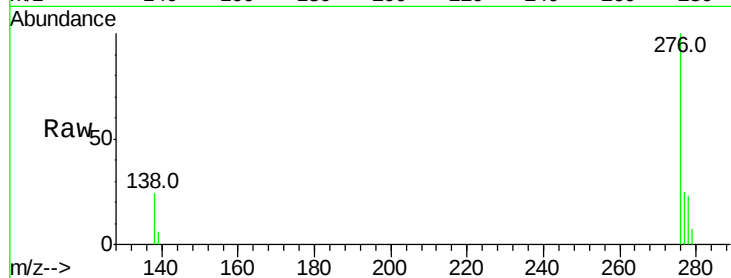
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.181 ng/ul
 RT: 26.63 min Scan# 4350
 Delta R.T. -0.04 min
 Lab File: BE094361.D
 Acq: 14 Oct 2017 18:47

Instrument :
 BNA_E
 ClientSampleId :
 B-44(5-5.5)_100217

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	23.9	28.0	42.0#
227	0.0	8.0	12.0#

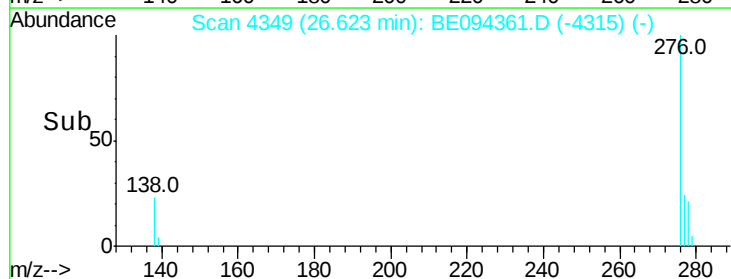
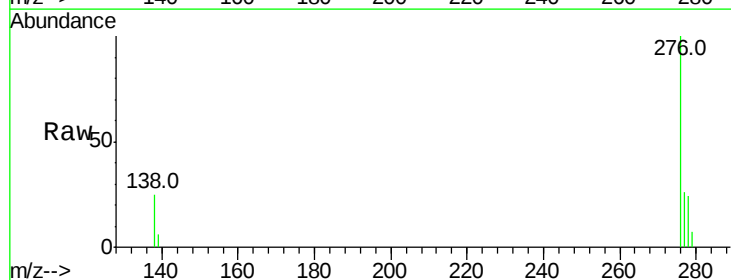
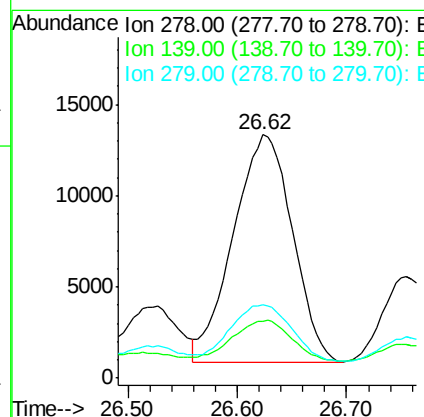
Manual Integrations
 APPROVED

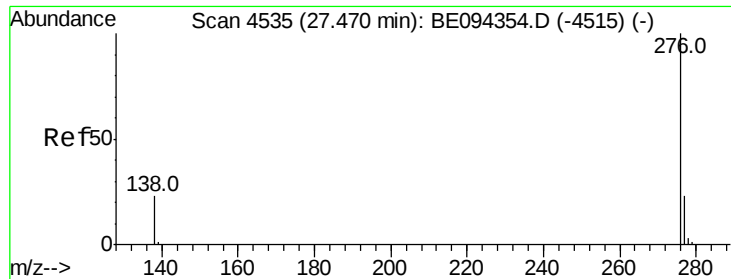
Sohil
 10/16/2017 8:25:11 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.988 ng/ul
 RT: 26.62 min Scan# 4349
 Delta R.T. -0.05 min
 Lab File: BE094361.D
 Acq: 14 Oct 2017 18:47

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	23.4	17.4	26.0
279	29.9	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 6.593 ng/ul

RT: 27.46 min Scan# 4533

Delta R.T. -0.04 min

Lab File: BE094361.D

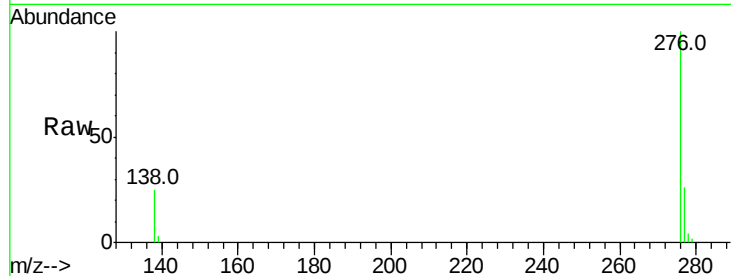
Acq: 14 Oct 2017 18:47

Instrument :

BNA_E

ClientSampleId :

B-44(5-5.5)_100217



Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.8	32.8
277	25.5	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:11 PM

