

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094308.D
 Acq On : 12 Oct 2017 8:47
 Operator : SJ/JU
 Sample : I5649-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-39(5-7)-100317

Manual Integrations
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Sohil
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Quant Time: Oct 12 20:20:58 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3616	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5742	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	11536m	0.40	ng/ul	0.02
16) Chrysene-d12	21.43	240	10562	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8599m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6648	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	13706	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.76	128	20404	0.757	ng/ul#	63
5) 2-Methylnaphthalene	12.36	142	1002	0.057	ng/ul	98
7) Acenaphthylene	14.26	152	2158	0.096	ng/ul#	45
8) Acenaphthene	14.60	153	4258	0.231	ng/ul	97
9) Fluorene	15.58	166	3813	0.177	ng/ul	92
12) Phenanthrene	17.31	178	18513	0.614	ng/ul	95
13) Anthracene	17.40	178	6435m	0.219	ng/ul	
15) Fluoranthene	19.32	202	32376	0.817	ng/ul	84
17) Pyrene	19.69	202	37650	1.281	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	16352	0.584	ng/ul#	83
19) Chrysene	21.47	228	15890	0.491	ng/ul#	78
21) Benzo(b)fluoranthene	23.19	252	18227	0.780	ng/ul#	73
22) Benzo(k)fluoranthene	23.23	252	7414m	0.275	ng/ul	
23) Benzo(a)pyrene	23.85	252	16082m	0.663	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.65	276	8469m	0.341	ng/ul	
26) Benzo(a,h,i)perylene	27.49	276	7831m	0.366	ng/ul	

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

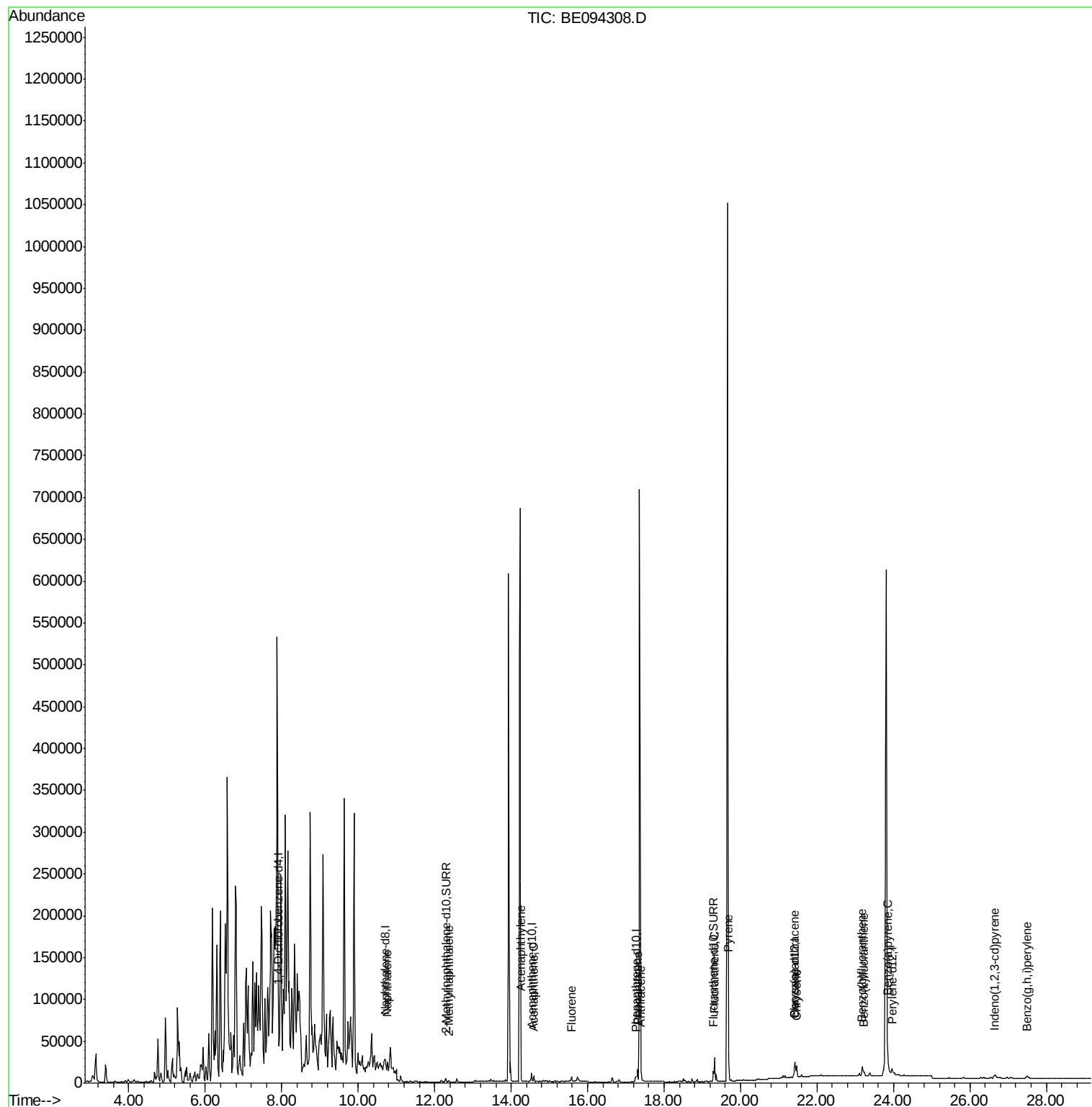
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094308.D
Acq On : 12 Oct 2017 8:47
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ALS Vial : 31 Sample Multiplier: 1

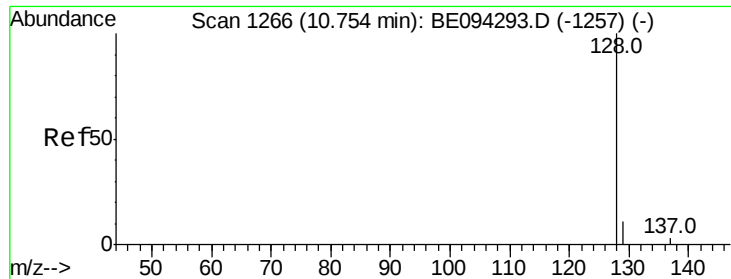
Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Manual Integrations
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Quant Time: Oct 12 20:20:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.757 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Instrument :

BNA_E

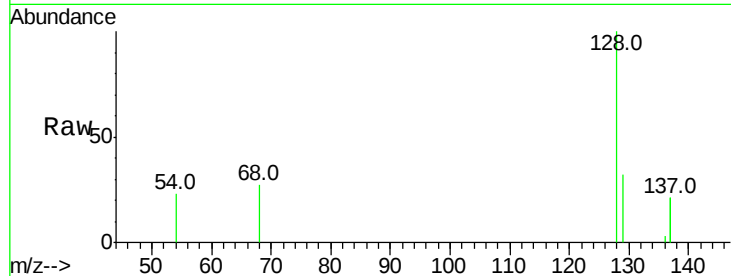
ClientSampleId :

B-39(5-7)-100317

Tot Ion:	128	Resp:	20404
Ion Ratio	Lower	Upper	
128	100		
129	32.3	11.3	16.9#
127	0.0	4.0	6.0#

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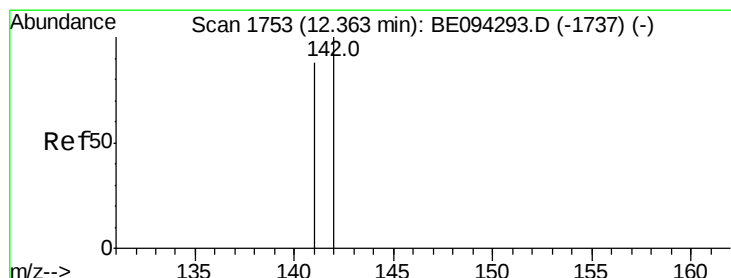
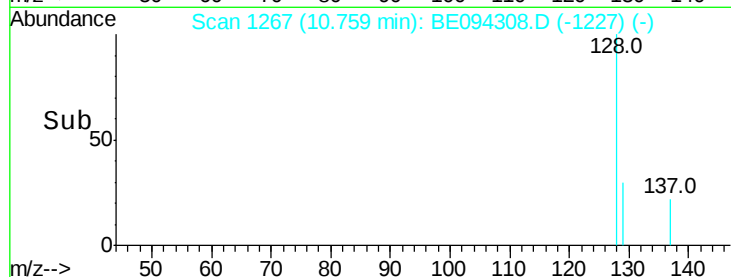
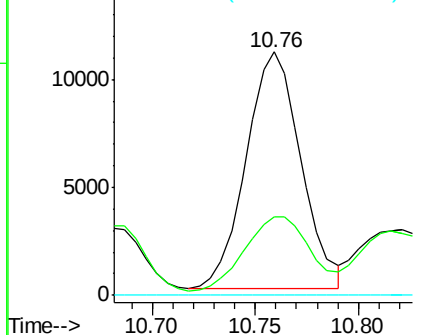
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. -0.00 min

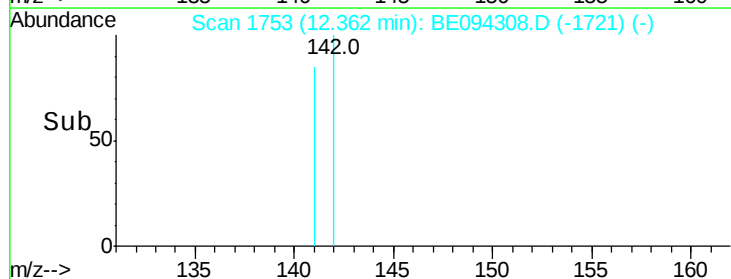
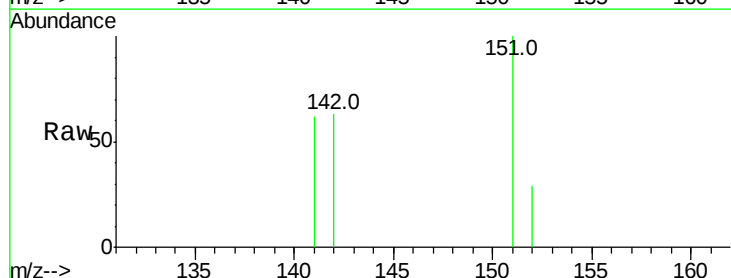
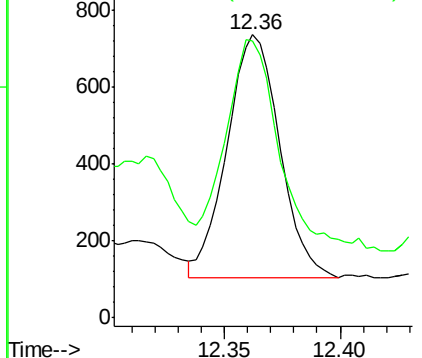
Lab File: BE094308.D

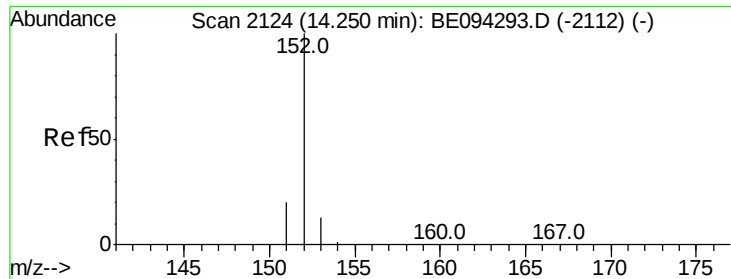
Acq: 12 Oct 2017 8:47

Tgt Ion:	142	Resp:	1002
Ion Ratio	Lower	Upper	
142	100		
141	89.1	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: 0.096 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Instrument :

BNA_E

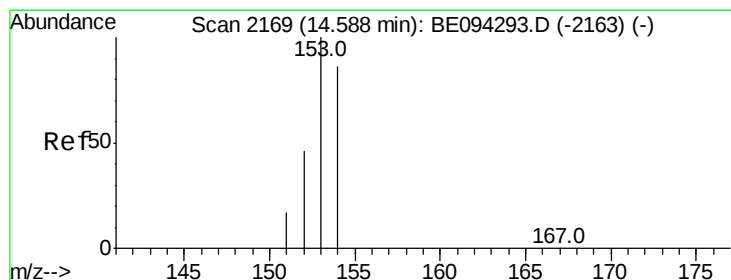
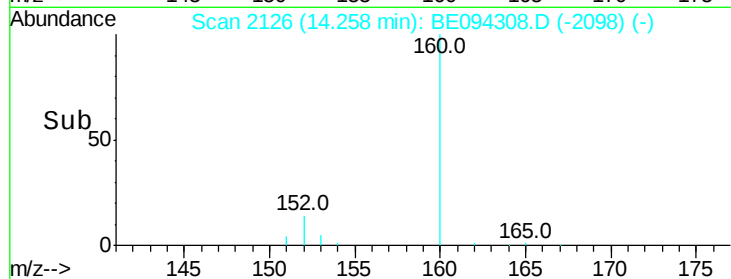
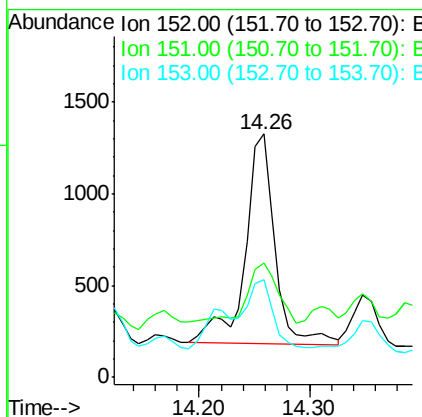
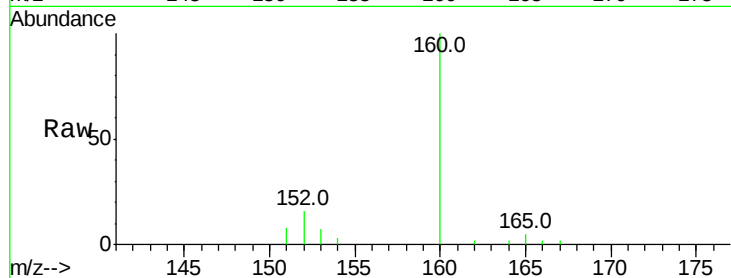
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
152	100		
151	46.8	17.1	25.7#
153	40.1	12.8	19.2#

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#8

Acenaphthene

Concen: 0.231 ng/ul

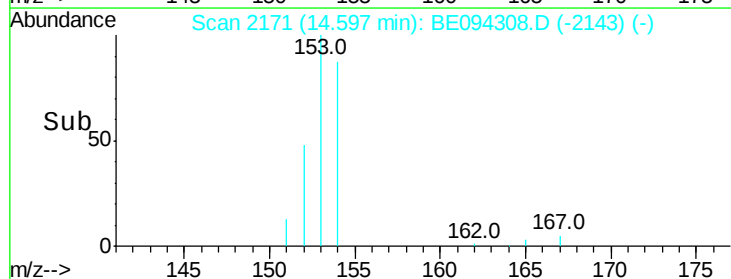
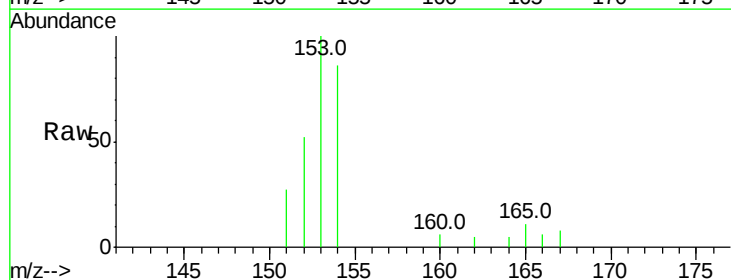
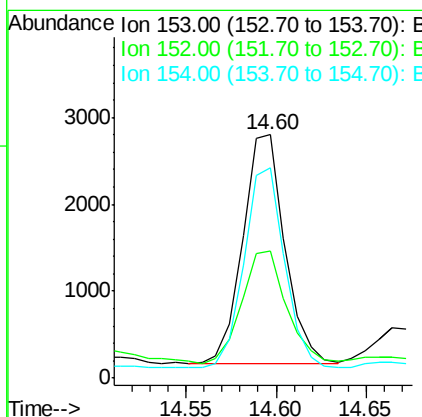
RT: 14.60 min Scan# 2171

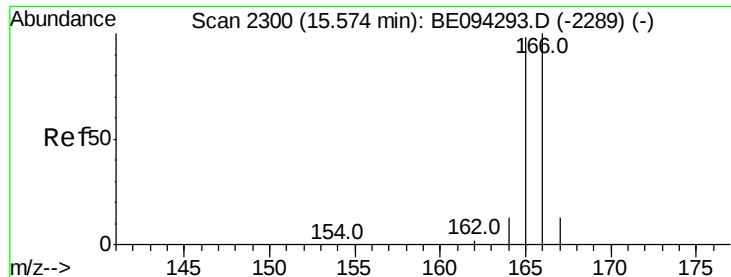
Delta R.T. 0.01 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.1	40.3	60.5
154	86.3	71.4	107.2





#9

Fluorene

Concen: 0.177 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Instrument :

BNA_E

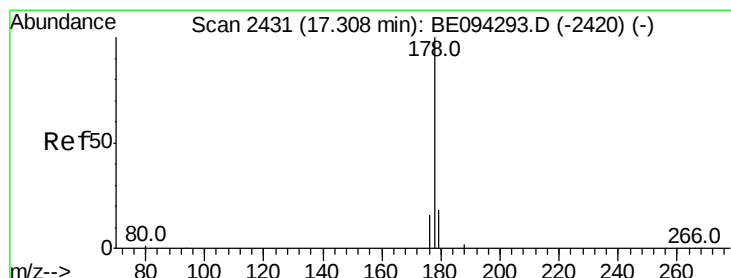
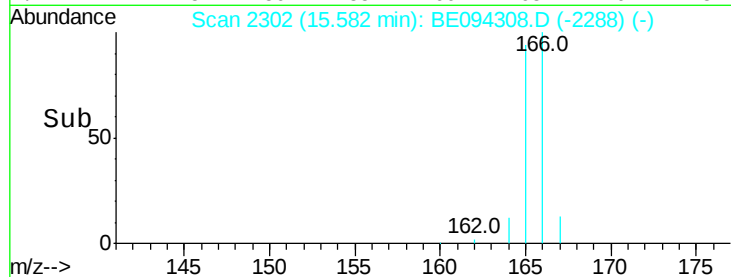
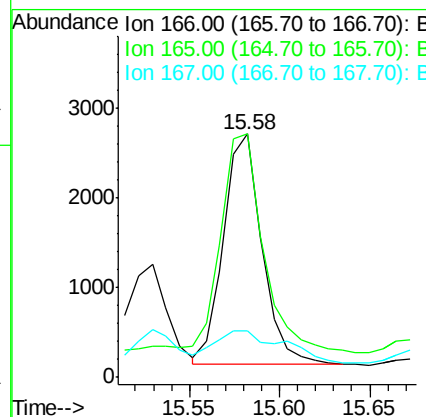
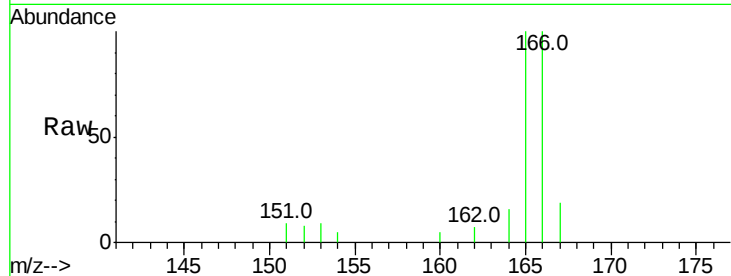
ClientSampled :

B-39(5-7)-100317

Tot Ion:	166	Resp:	3813
Ion Ratio	Lower	Upper	
166	100		
165	100.1	73.4	110.2
167	19.1	14.6	22.0

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#12

Phenanthrene

Concen: 0.614 ng/ul

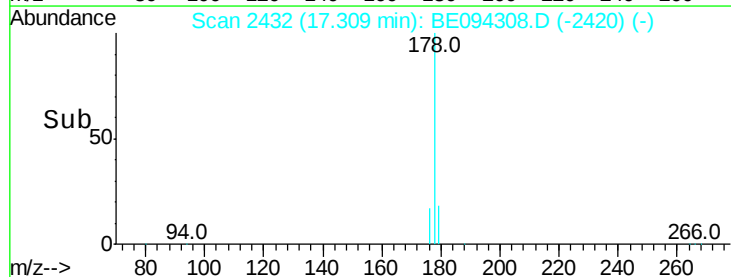
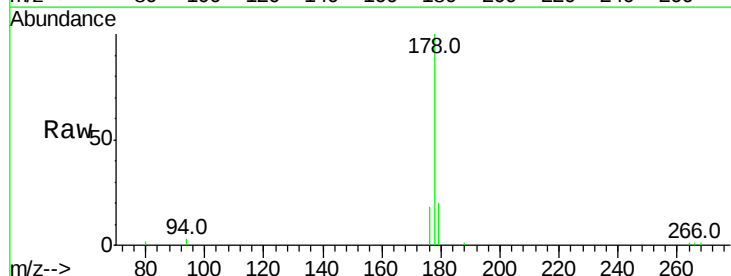
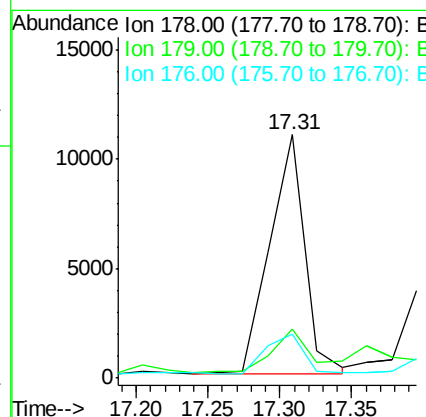
RT: 17.31 min Scan# 2432

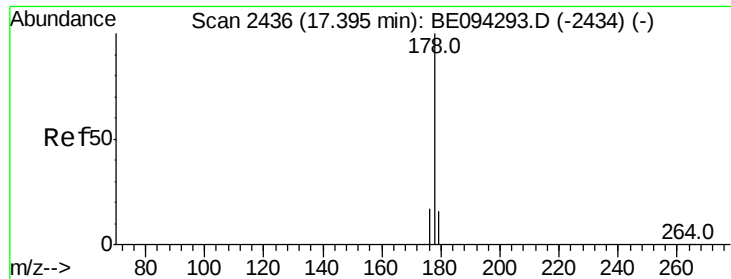
Delta R.T. 0.00 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Tgt Ion:	178	Resp:	18513
Ion Ratio	Lower	Upper	
178	100		
179	19.9	18.4	27.6
176	18.1	13.6	20.4





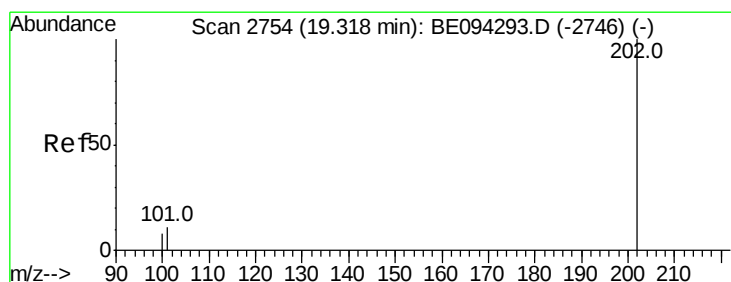
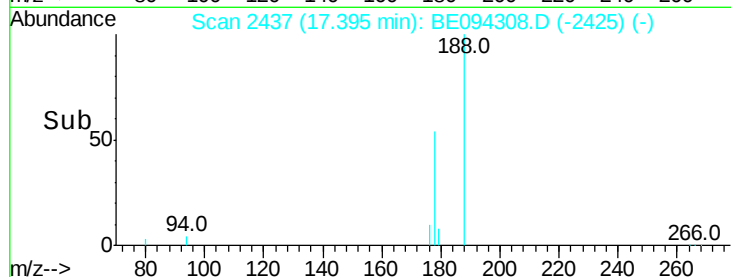
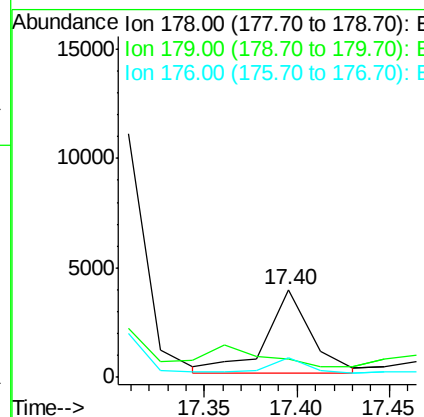
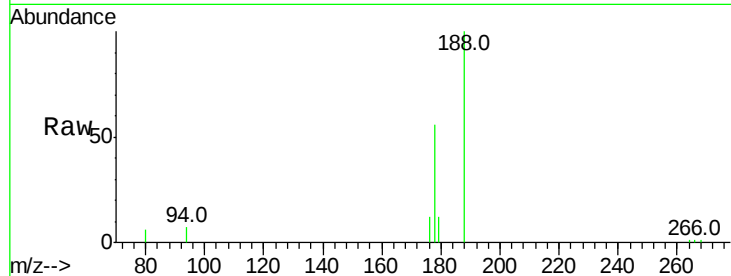
#13
 Anthracene
 Concen: 0.219 ng/ul m
 RT: 17.40 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BE094308.D
 Acq: 12 Oct 2017 8:47

Instrument :
 BNA_E
 ClientSampleId :
 B-39(5-7)-100317

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.0	18.1	27.1
176	22.2	14.7	22.1#

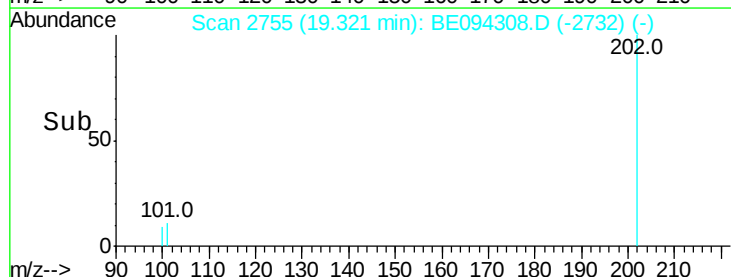
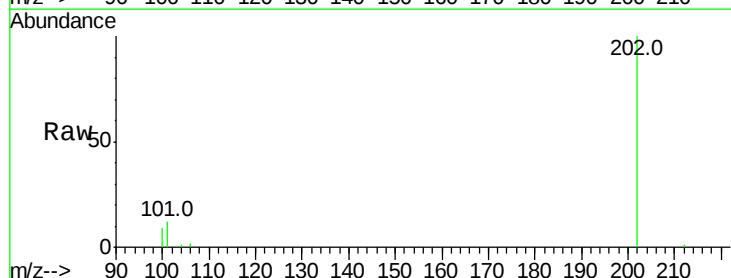
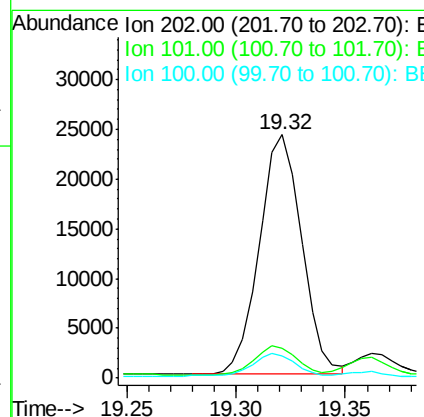
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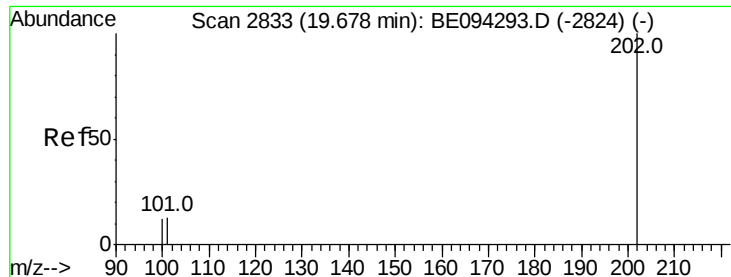
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#15
 Fluoranthene
 Concen: 0.817 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BE094308.D
 Acq: 12 Oct 2017 8:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
100	9.4	0.0	39.5





#17

Pvrene

Concen: 1.281 ng/ul

RT: 19.69 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Instrument :

BNA_E

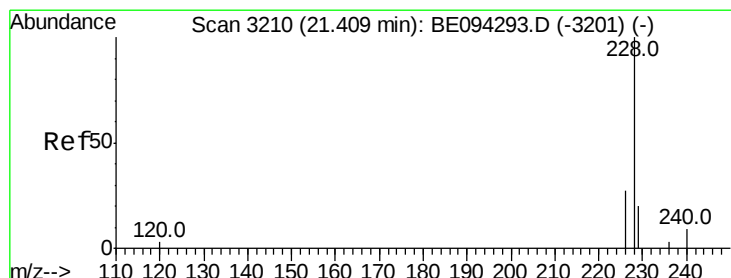
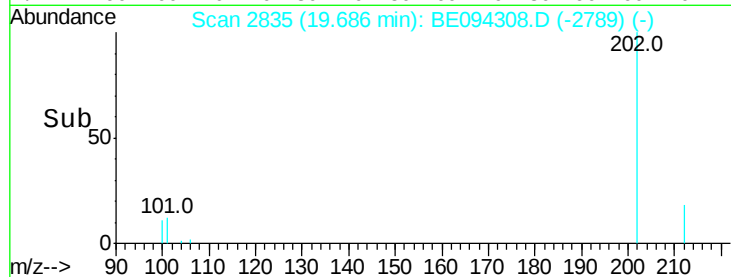
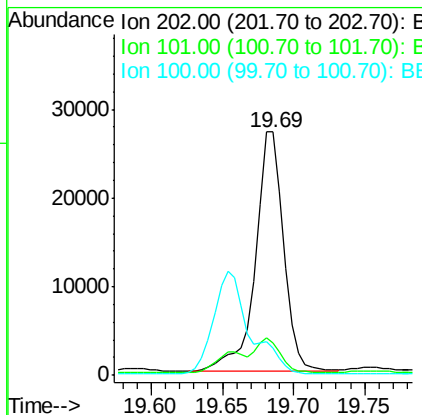
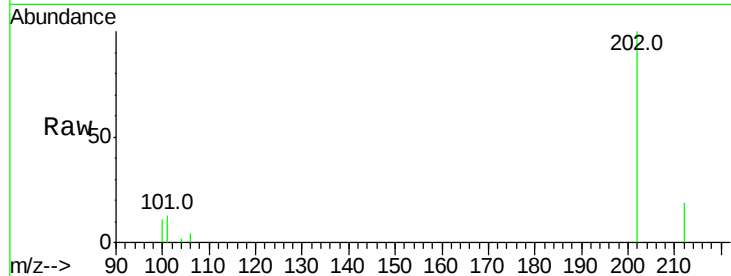
ClientSampleId :

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Tot Ion:	202	Resp:	37650
Ion Ratio	Lower	Upper	
202	100		
101	13.4	18.2	27.4#
100	11.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.584 ng/ul

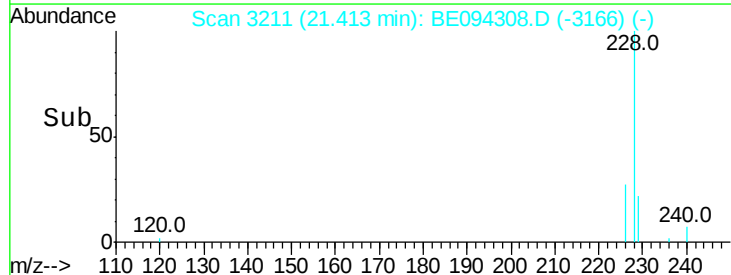
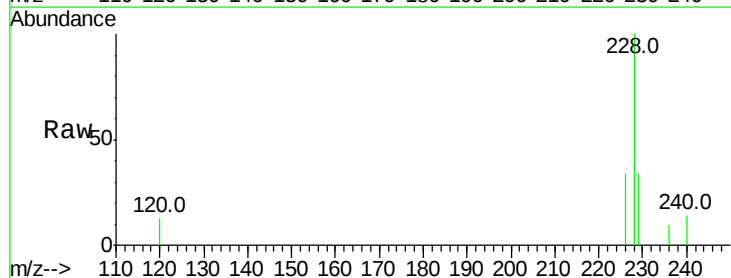
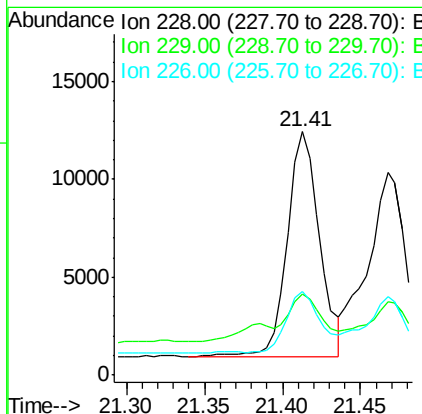
RT: 21.41 min Scan# 3211

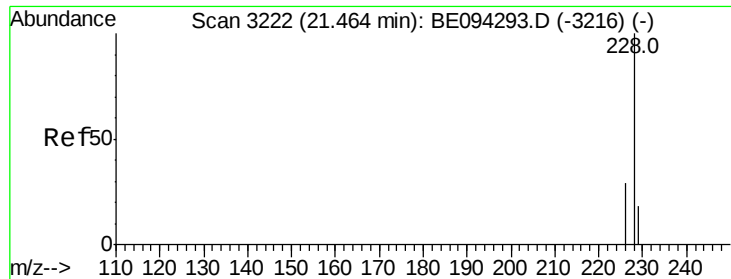
Delta R.T. 0.00 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Tgt Ion:	228	Resp:	16352
Ion Ratio	Lower	Upper	
228	100		
229	33.5	22.8	34.2
226	34.4	17.0	25.6#





#19

Chrysene

Concen: 0.491 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Instrument :

BNA_E

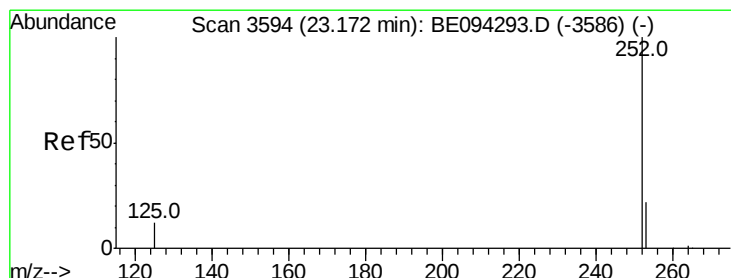
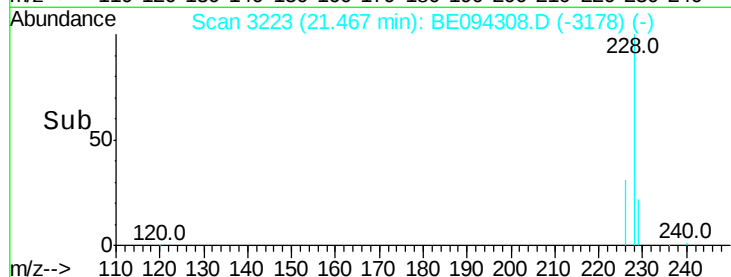
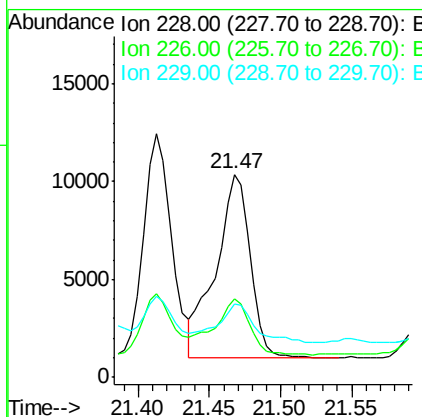
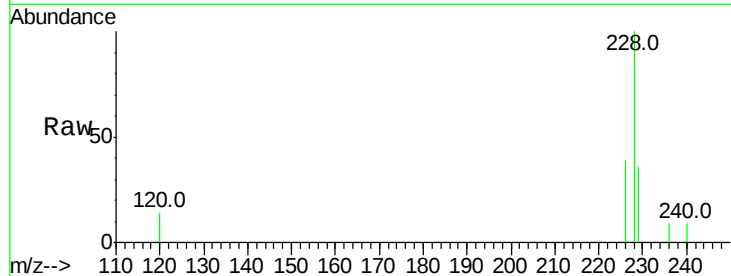
ClientSampleId :

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Tot Ion:	228	Resp:	15890
Ion Ratio	Lower	Upper	
228	100		
226	38.6	23.4	35.0#
229	35.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.780 ng/ul

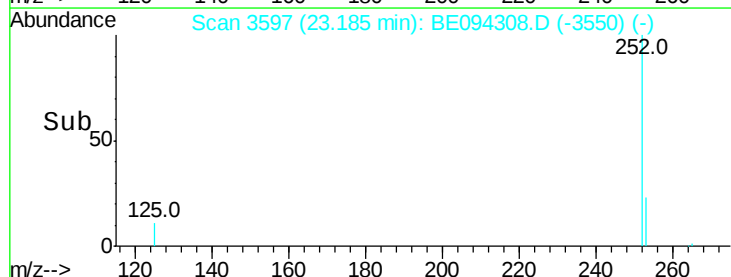
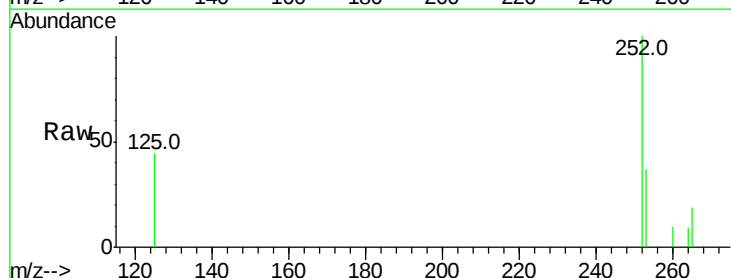
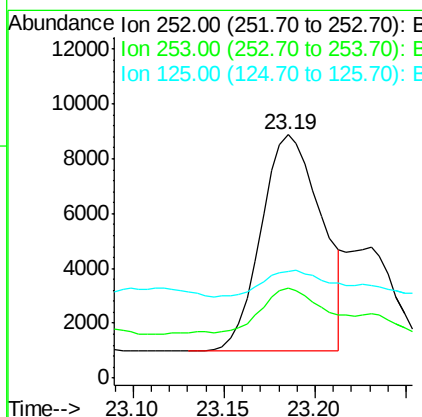
RT: 23.19 min Scan# 3597

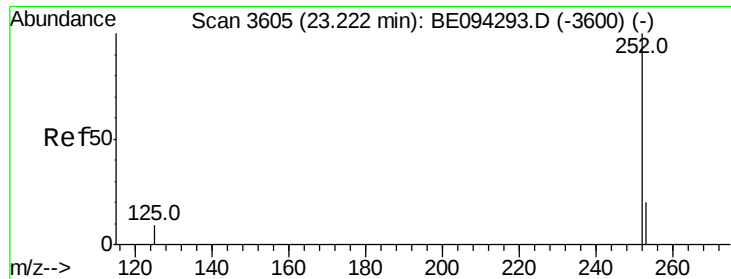
Delta R.T. 0.01 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Tgt Ion:	252	Resp:	18227
Ion Ratio	Lower	Upper	
252	100		
253	36.8	0.0	64.2
125	43.7	0.0	35.0#





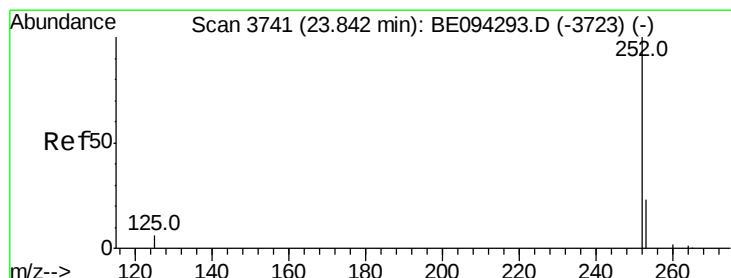
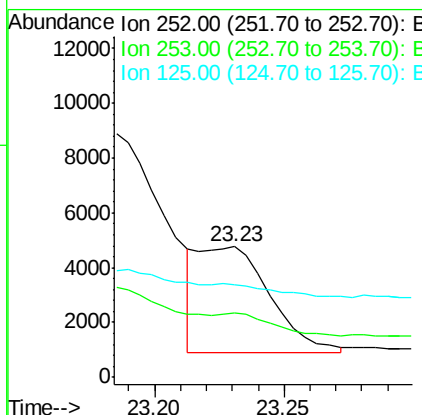
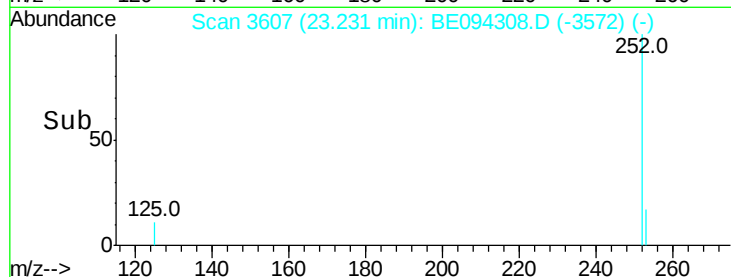
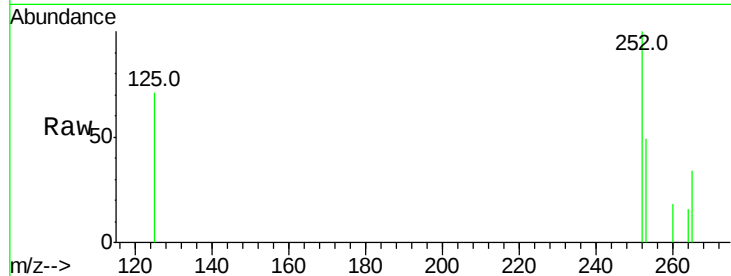
#22
Benzo(k)fluoranthene
Concen: 0.275 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. 0.01 min
Lab File: BE094308.D
Acq: 12 Oct 2017 8:47

Instrument :
BNA_E
ClientSampleId :
B-39(5-7)-100317

Tot Ion	Ratio	Lower	Upper
252	100		
253	49.0	24.5	36.7#
125	71.4	13.7	20.5#

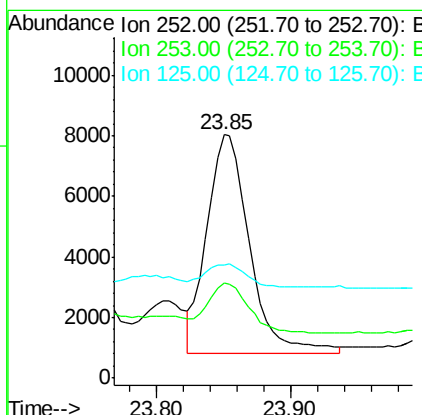
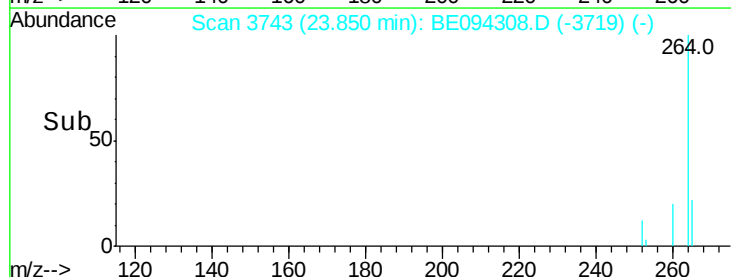
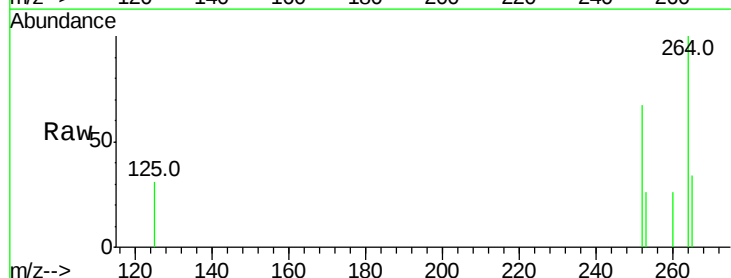
Manual Integrations
APPROVED

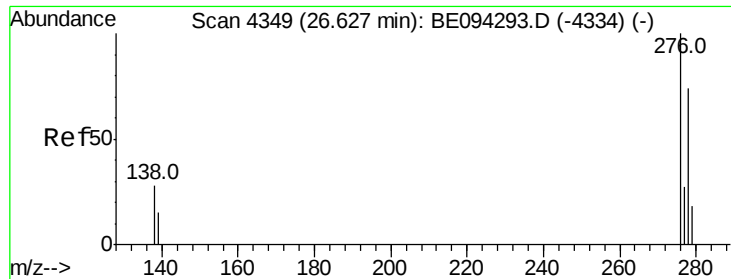
Sohil
10/13/2017 12:06:20 PM



#23
Benzo(a)pyrene
Concen: 0.663 ng/ul m
RT: 23.85 min Scan# 3743
Delta R.T. 0.01 min
Lab File: BE094308.D
Acq: 12 Oct 2017 8:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.1	28.5	42.7
125	46.7	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.341 ng/ul m

RT: 26.65 min Scan# 4354

Delta R.T. 0.02 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Instrument :

BNA_E

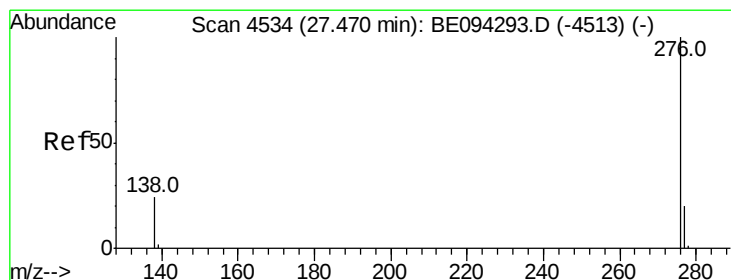
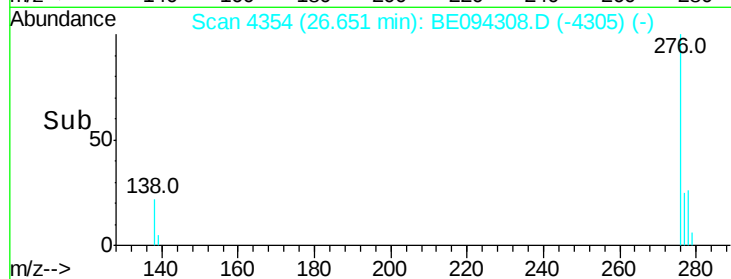
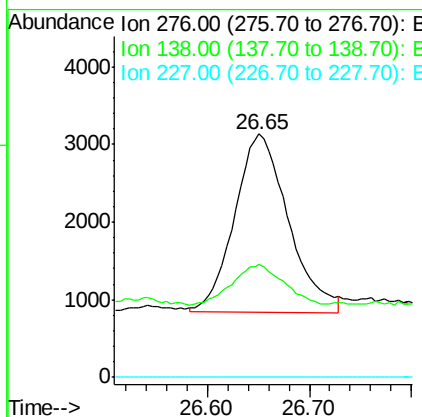
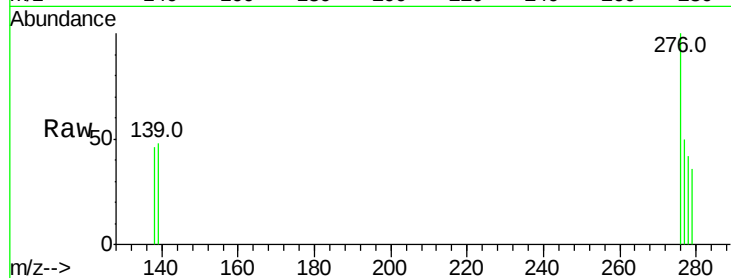
ClientSampleId :

B-39(5-7)-100317

Tot Ion:	276	Resp:	8469
Ion Ratio	Lower	Upper	
276	100		
138	0.7	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:20 PM



#26

Benzo(g,h,i)perylene

Concen: 0.366 ng/ul m

RT: 27.49 min Scan# 4538

Delta R.T. 0.02 min

Lab File: BE094308.D

Acq: 12 Oct 2017 8:47

Tgt Ion:	276	Resp:	7831
Ion Ratio	Lower	Upper	
276	100		
138	47.9	21.8	32.8#
277	52.1	20.5	30.7#

