

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094305.D
 Acq On : 12 Oct 2017 6:56
 Operator : SJ/JU
 Sample : I5550-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF1

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:14 PM

Quant Time: Oct 12 09:41:59 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	1773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5257	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10796m	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9687	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11953m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4809	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	11534	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	17223	0.773	ng/ul#	91
5) 2-Methylnaphthalene	12.37	142	6875	0.476	ng/ul	98
7) Acenaphthylene	14.26	152	2299	0.112	ng/ul#	81
8) Acenaphthene	14.60	153	17188	1.019	ng/ul	99
9) Fluorene	15.58	166	25999	1.316	ng/ul	92
12) Phenanthrene	17.31	178	425160	15.070	ng/ul#	89
13) Anthracene	17.40	178	104981	3.826	ng/ul#	88
15) Fluoranthene	19.33	202	479476	12.935	ng/ul	84
17) Pyrene	19.69	202	408274	15.148	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	209108	8.137	ng/ul#	86
19) Chrysene	21.47	228	178180	6.004	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	166340	5.123	ng/ul	91
22) Benzo(k)fluoranthene	23.23	252	65731m	1.751	ng/ul	
23) Benzo(a)pyrene	23.86	252	129336m	3.833	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.66	276	56611m	1.640	ng/ul	
25) Dibenzo(a,h)anthracene	26.67	278	14844m	0.513	ng/ul	
26) Benzo(a,h,i)perylene	27.50	276	38592m	1.296	ng/ul	

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

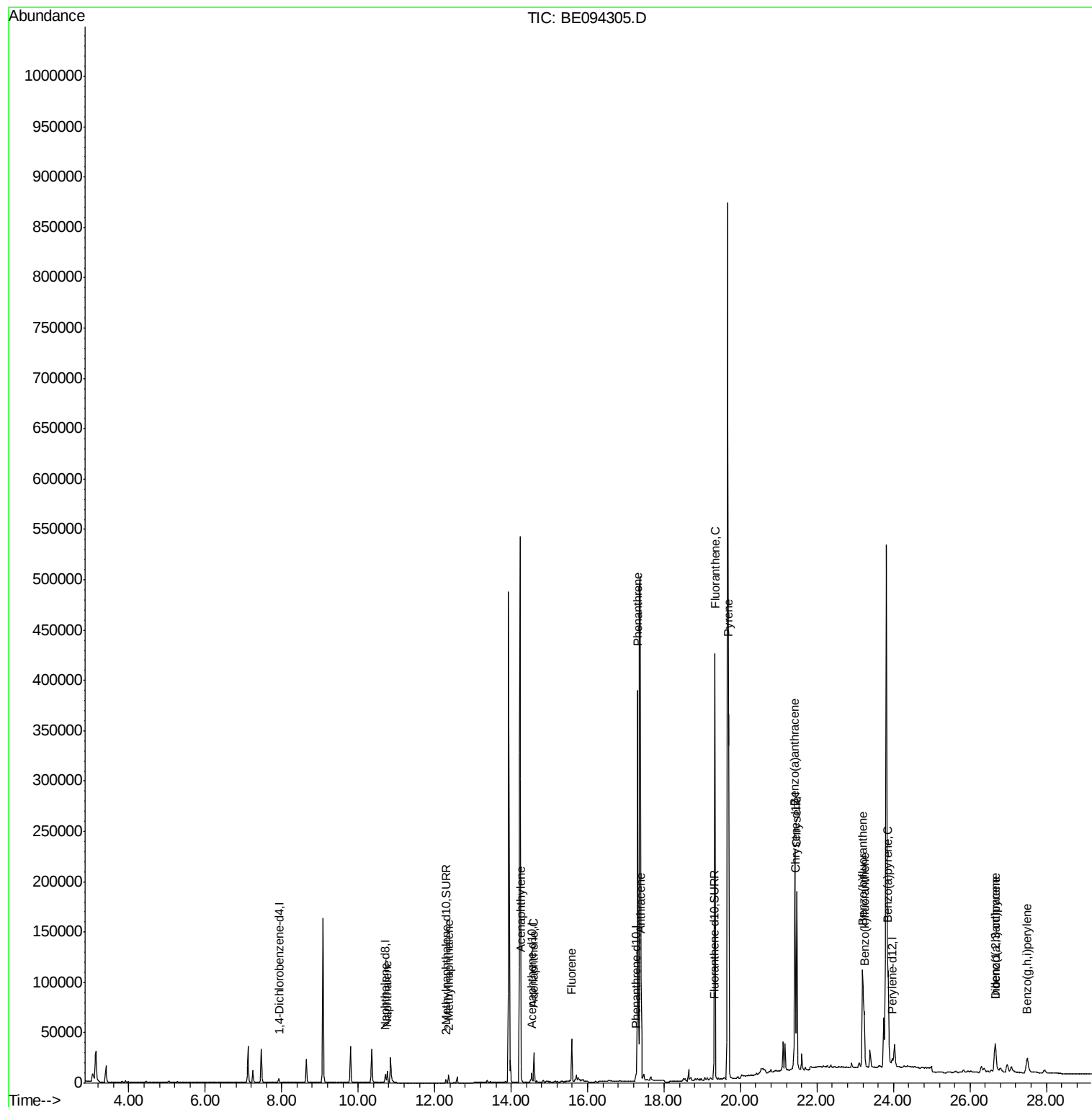
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
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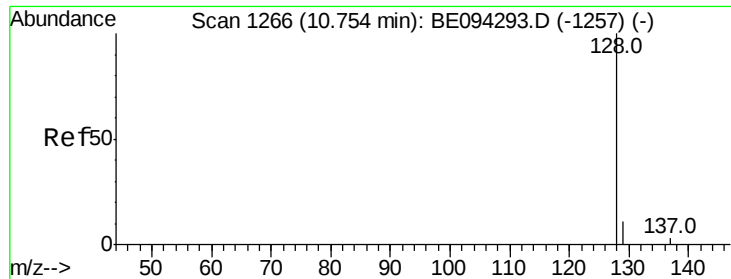
Instrument :
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Quant Time: Oct 12 09:41:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
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#3

Naphthalene

Concen: 0.773 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

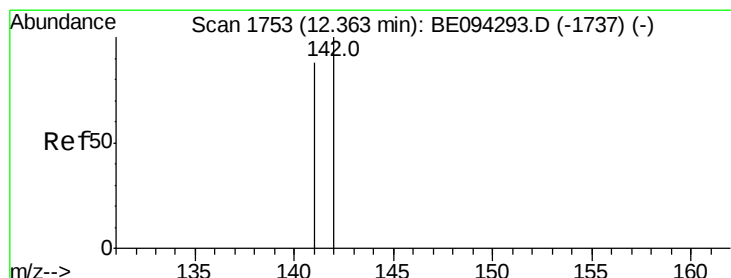
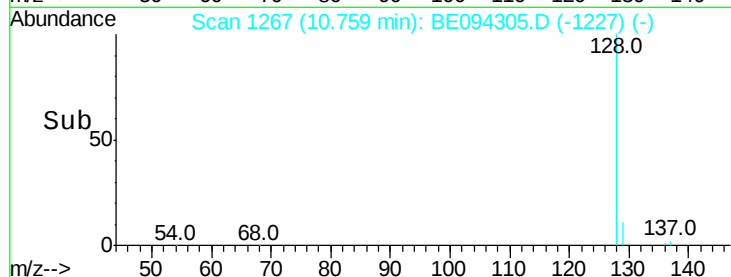
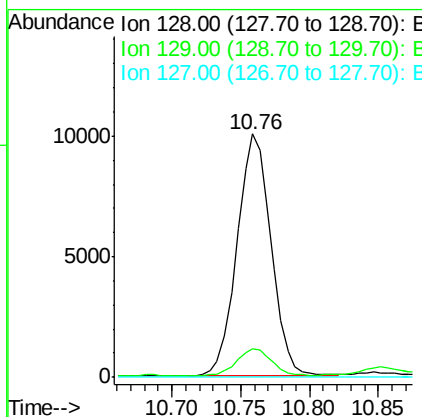
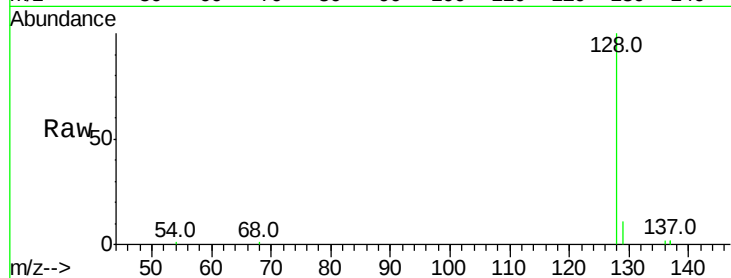
ClientSampleId :

C0AF1

Tot Ion:	128	Resp:	17223
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.476 ng/ul

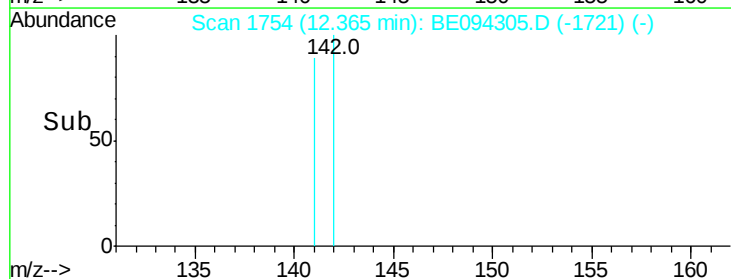
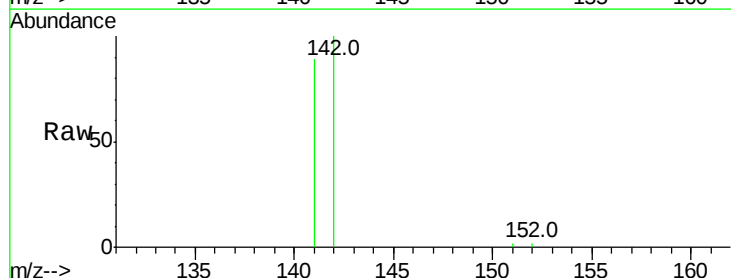
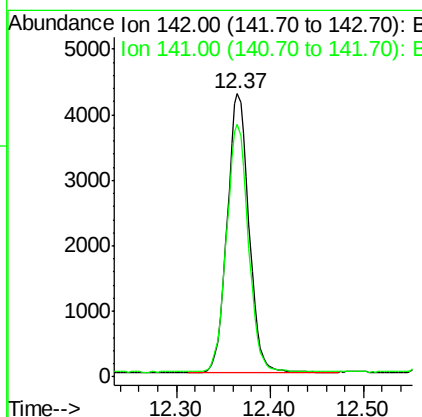
RT: 12.37 min Scan# 1754

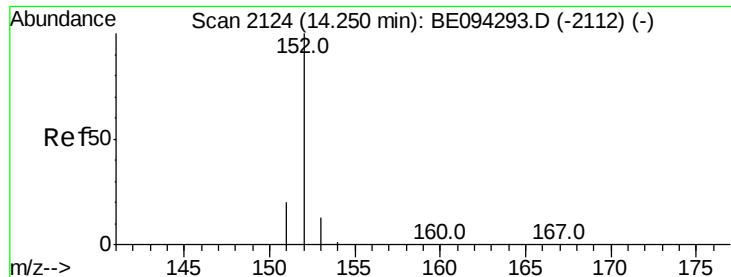
Delta R.T. 0.00 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Tgt Ion:	142	Resp:	6875
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.112 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

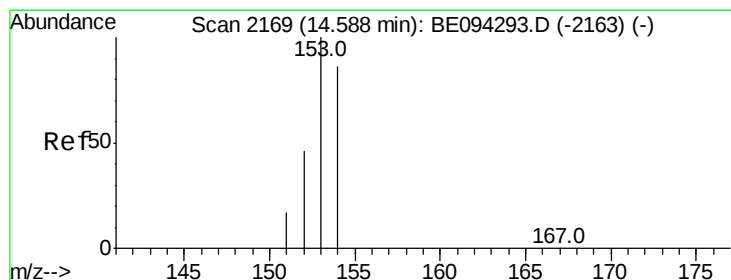
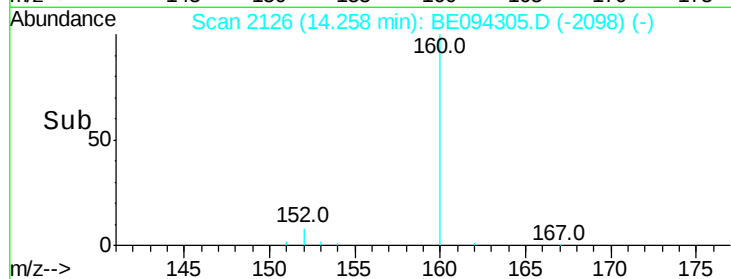
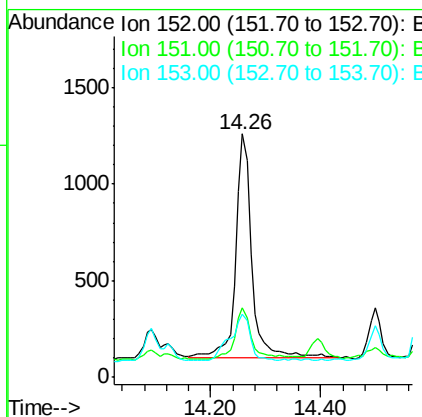
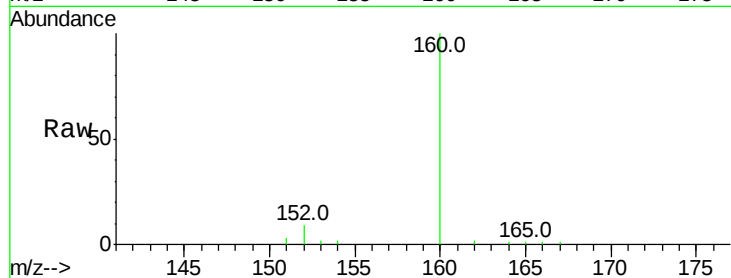
ClientSampleId :

C0AF1

Tot Ion:	152	Resp:	2299
Ion Ratio	Lower	Upper	
152	100		
151	28.5	17.1	25.7#
153	26.1	12.8	19.2#

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#8

Acenaphthene

Concen: 1.019 ng/ul

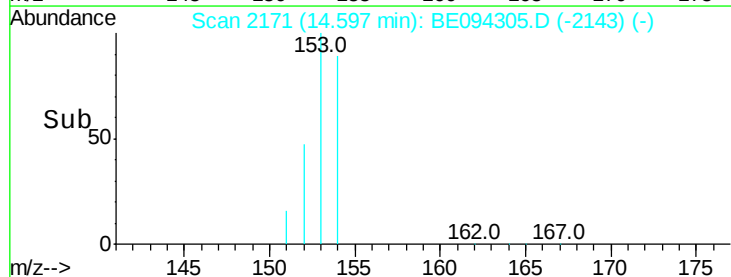
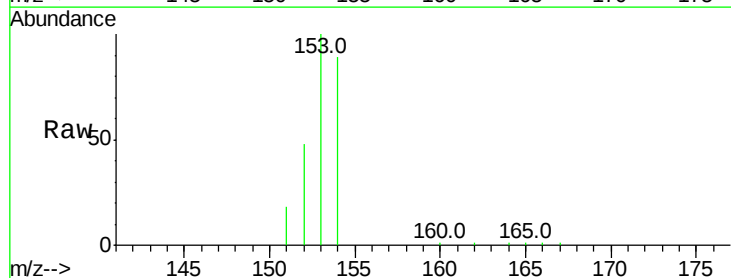
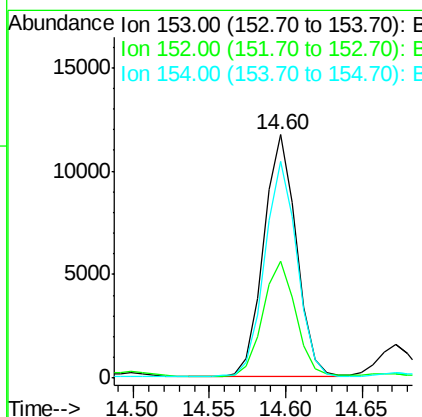
RT: 14.60 min Scan# 2171

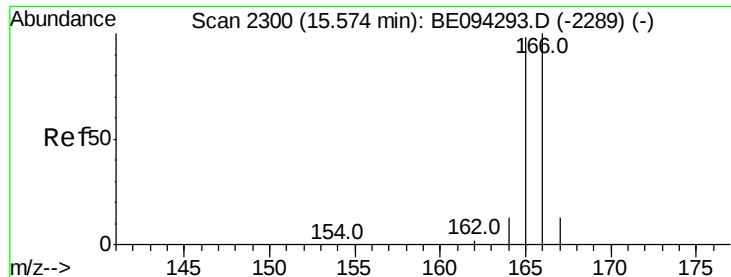
Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Tgt Ion:	153	Resp:	17188
Ion Ratio	Lower	Upper	
153	100		
152	48.0	40.3	60.5
154	89.1	71.4	107.2





#9

Fluorene

Concen: 1.316 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

ClientSampleId :

C0AF1

Tot Ion:166 Resp: 25999

Ion Ratio Lower Upper

166 100

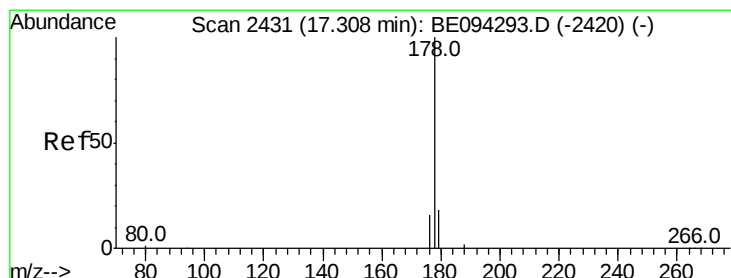
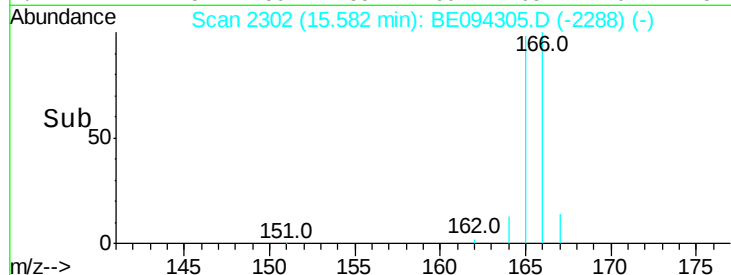
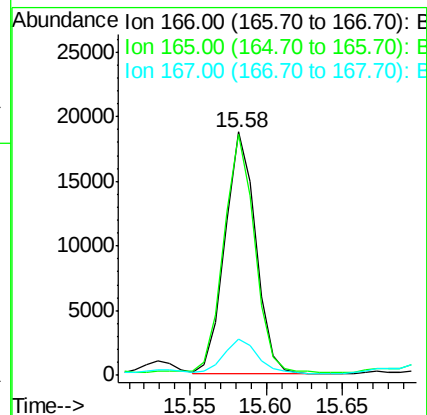
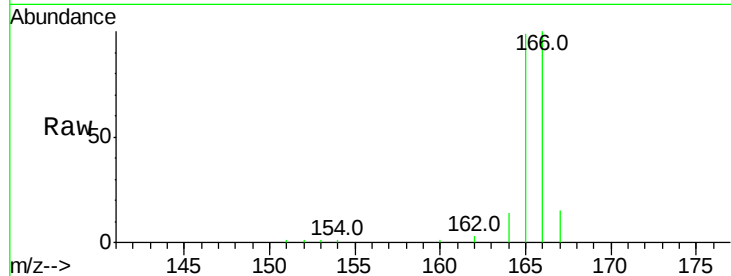
165 99.1 73.4 110.2

167 14.7 14.6 22.0

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#12

Phenanthrene

Concen: 15.070 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

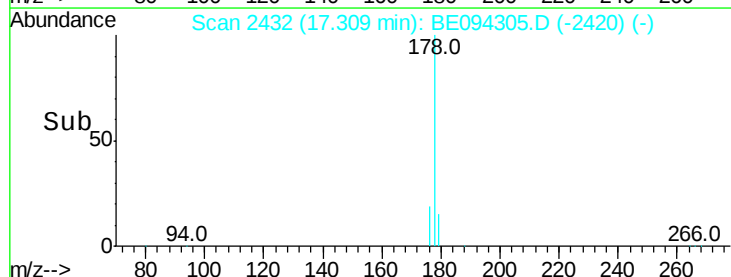
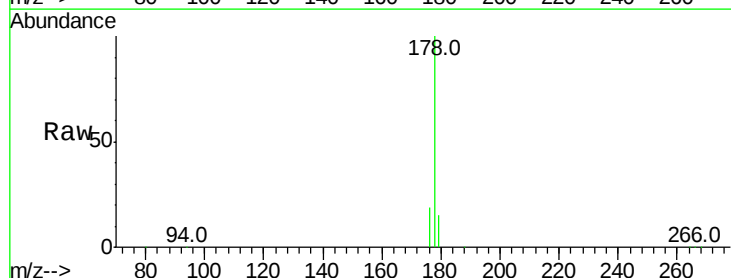
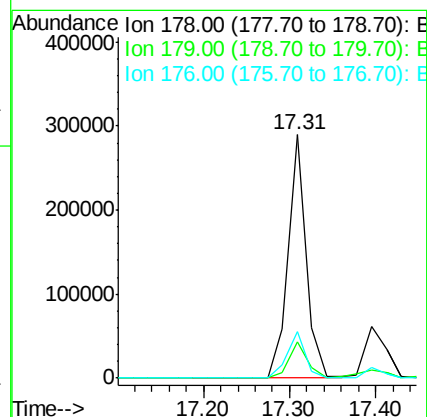
Tgt Ion:178 Resp: 425160

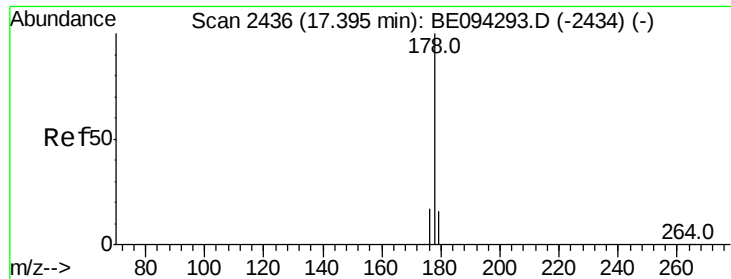
Ion Ratio Lower Upper

178 100

179 15.1 18.4 27.6#

176 19.1 13.6 20.4





#13

Anthracene

Concen: 3.826 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

ClientSampled :

C0AF1

Tot Ion:178 Resp: 104981

Ion Ratio Lower Upper

178 100

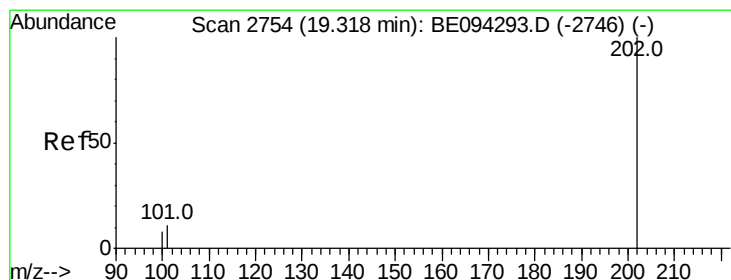
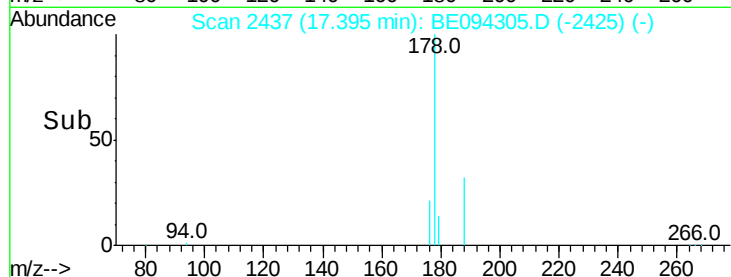
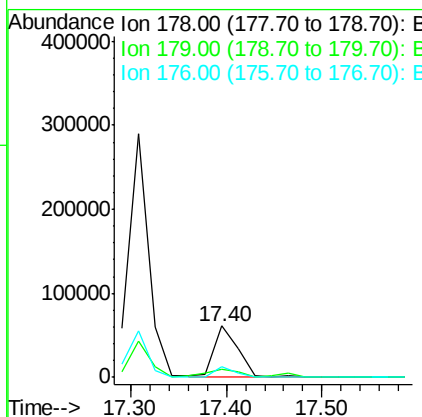
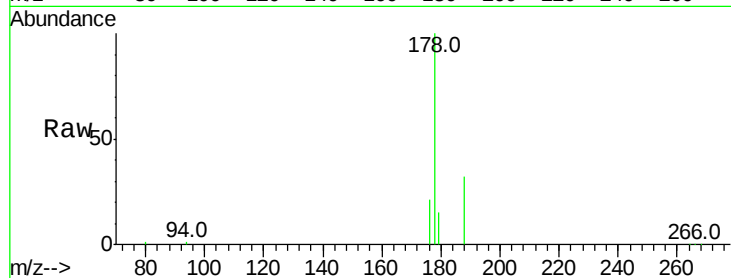
179 14.6 18.1 27.1#

176 20.8 14.7 22.1

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#15

Fluoranthene

Concen: 12.935 ng/ul

RT: 19.33 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

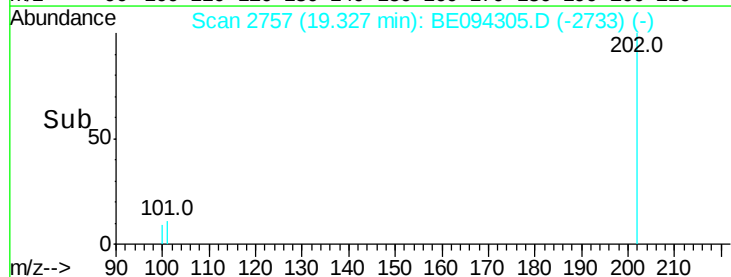
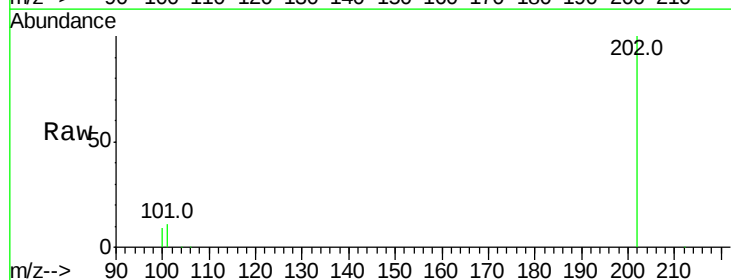
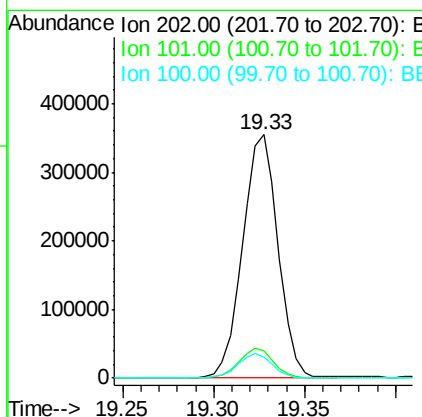
Tgt Ion:202 Resp: 479476

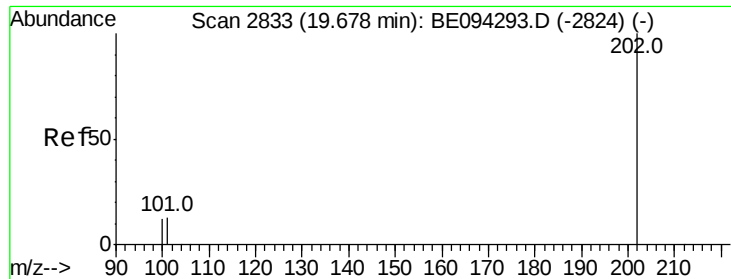
Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

100 8.7 0.0 39.5





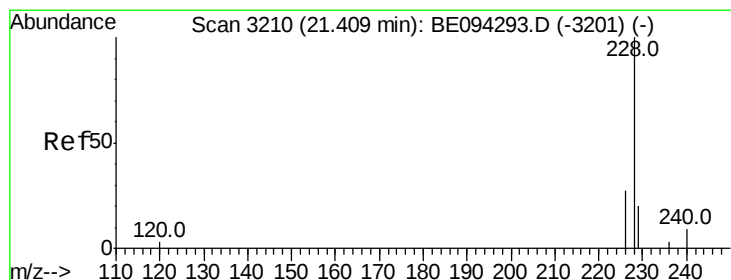
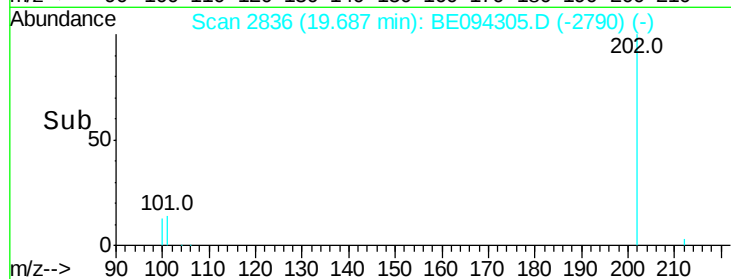
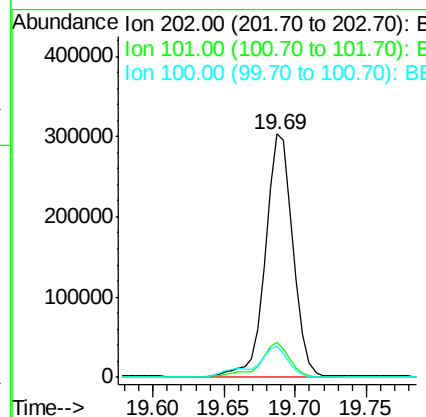
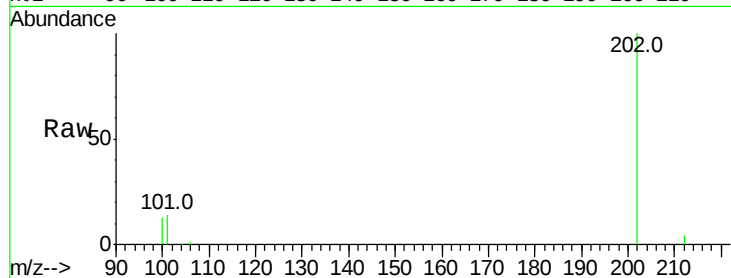
#17
Pvrene
Concen: 15.148 ng/ul
RT: 19.69 min Scan# 2836
Delta R.T. 0.01 min
Lab File: BE094305.D
Acq: 12 Oct 2017 6:56

Instrument :
BNA_E
ClientSampleId :
C0AF1

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	18.2	27.4#
100	12.6	15.6	23.4#

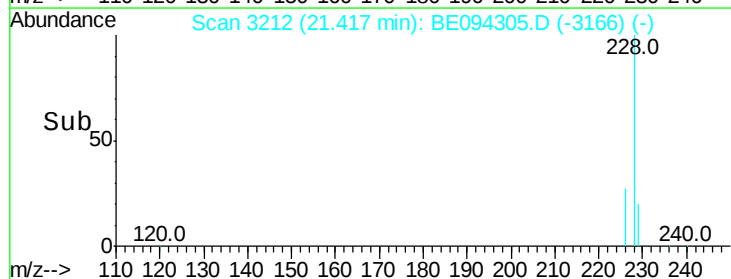
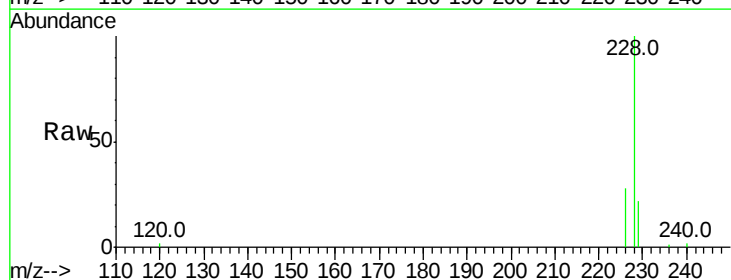
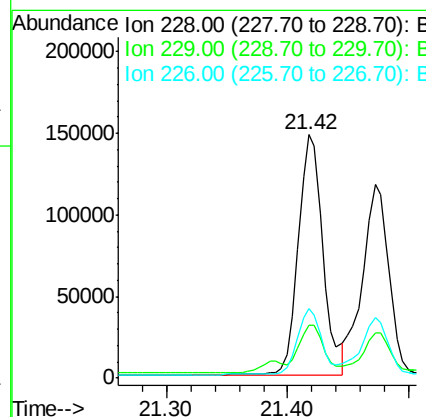
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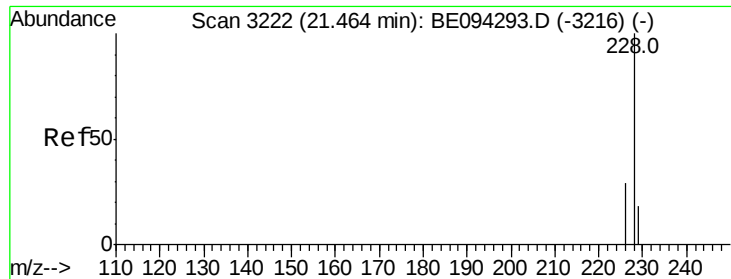
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#18
Benzo(a)anthracene
Concen: 8.137 ng/ul
RT: 21.42 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BE094305.D
Acq: 12 Oct 2017 6:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	28.5	17.0	25.6#





#19

Chrysene

Concen: 6.004 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

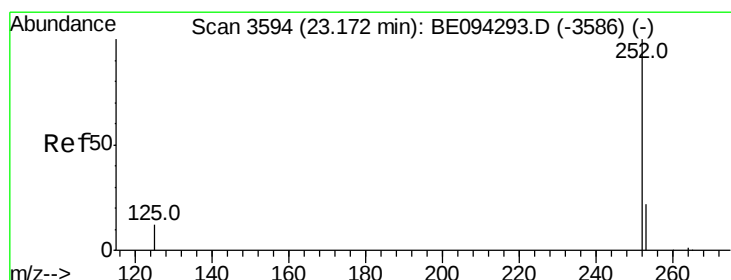
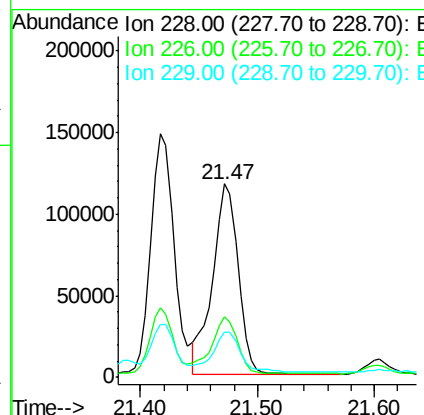
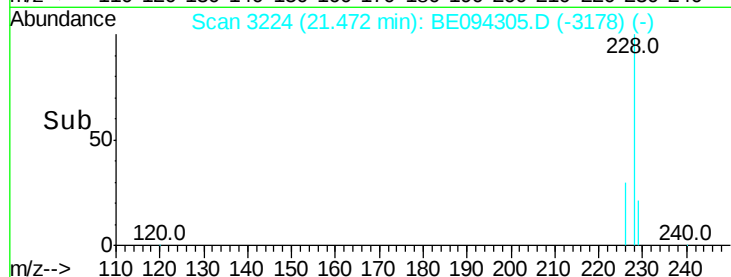
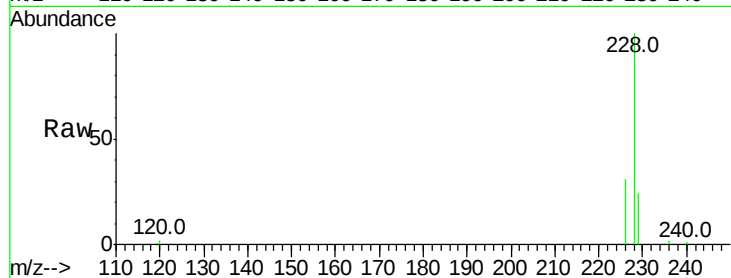
ClientSampleId :

C0AF1

Tot Ion:228	Resp:	178180
Ion Ratio	Lower	Upper
228 100		
226 31.4	23.4	35.0
229 23.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.123 ng/ul

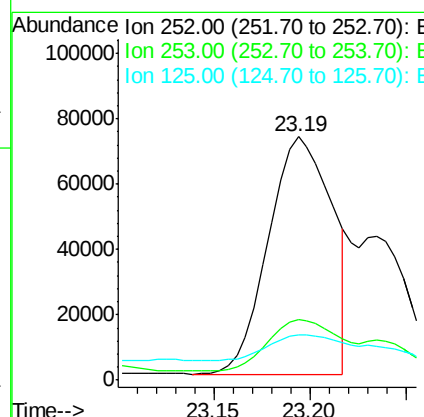
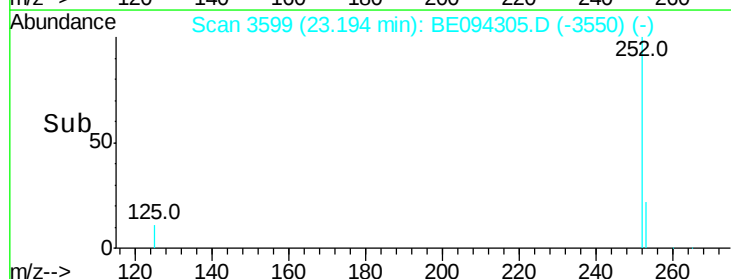
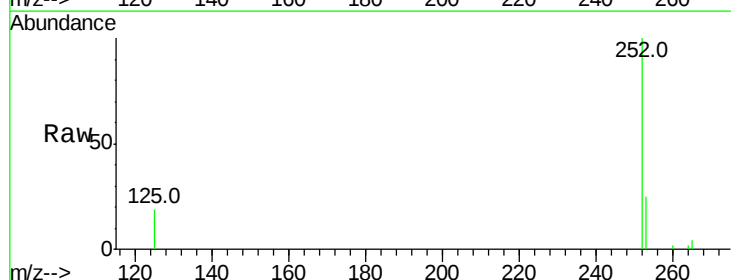
RT: 23.19 min Scan# 3599

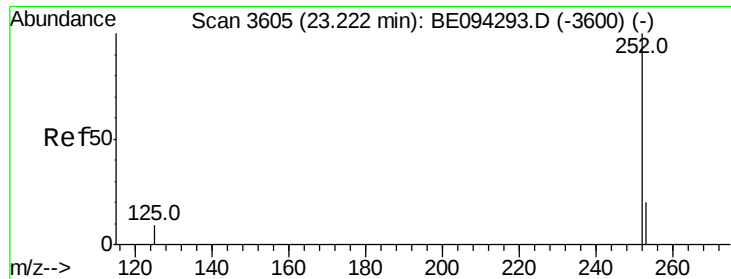
Delta R.T. 0.02 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Tgt Ion:252	Resp:	166340
Ion Ratio	Lower	Upper
252 100		
253 25.1	0.0	64.2
125 18.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.751 ng/ul m

RT: 23.23 min Scan# 3608

Delta R.T. 0.01 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Instrument :

BNA_E

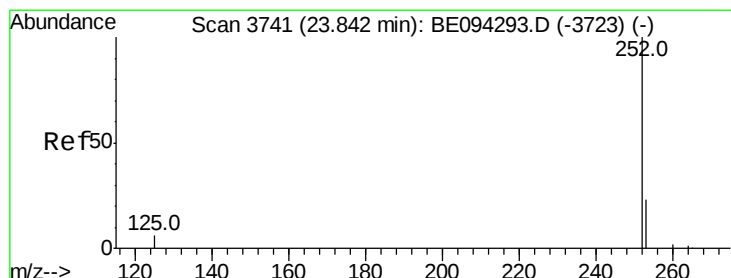
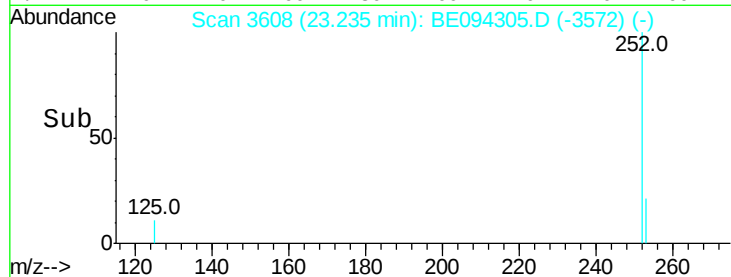
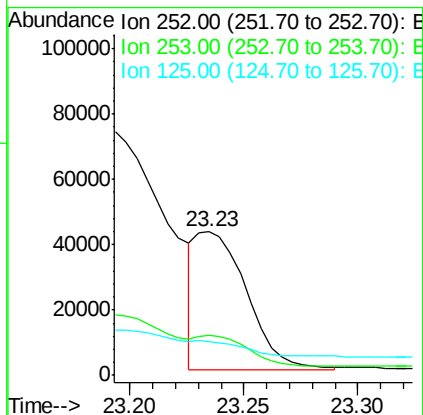
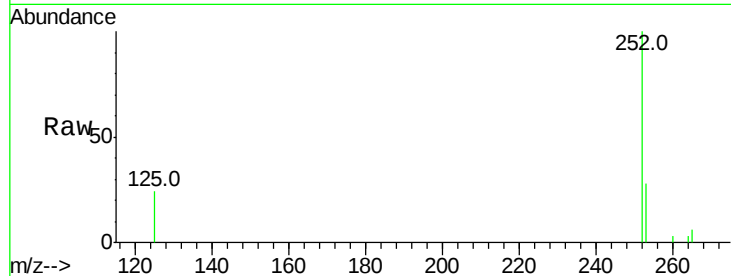
ClientSampled :

C0AF1

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	24.5	36.7
125	23.7	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 3.833 ng/ul m

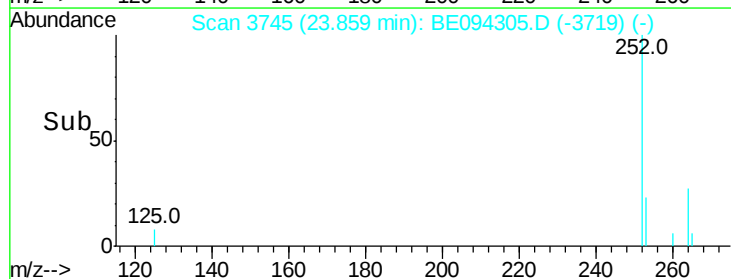
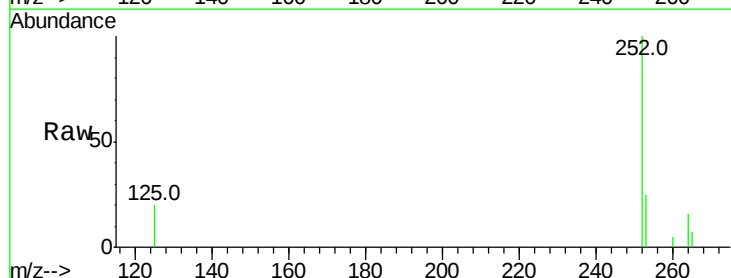
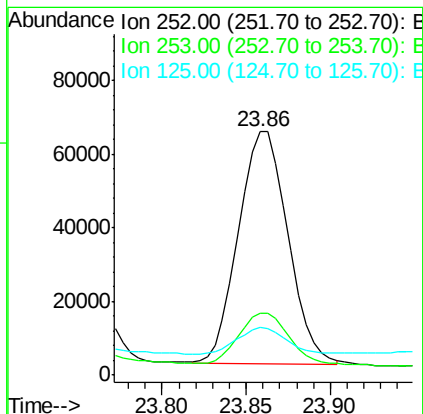
RT: 23.86 min Scan# 3745

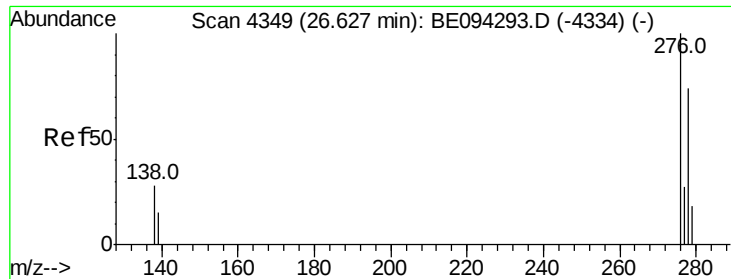
Delta R.T. 0.02 min

Lab File: BE094305.D

Acq: 12 Oct 2017 6:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	28.5	42.7
125	19.6	18.1	27.1





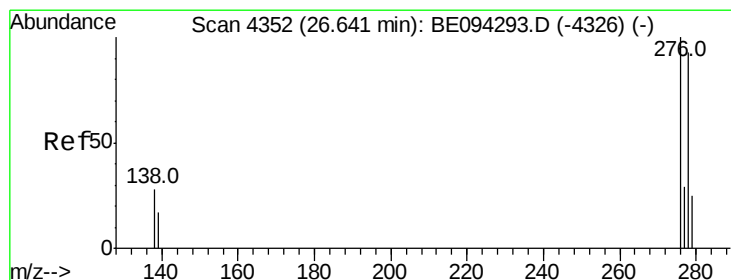
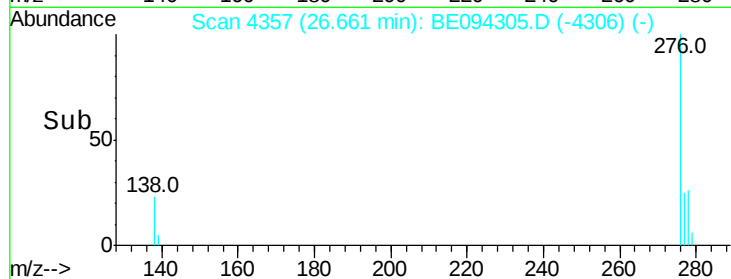
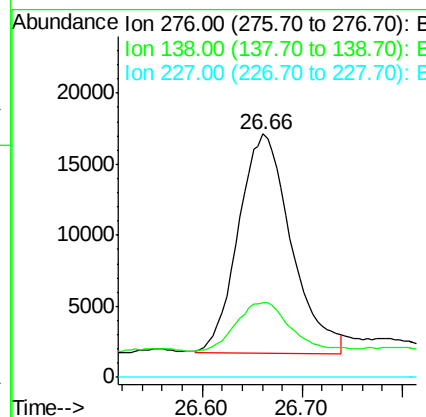
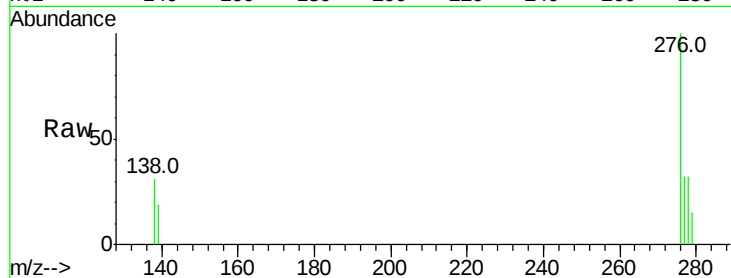
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.640 ng/ul m
RT: 26.66 min Scan# 4357
Delta R.T. 0.03 min
Lab File: BE094305.D
Acq: 12 Oct 2017 6:56

Instrument :
BNA_E
ClientSampled :
C0AF1

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

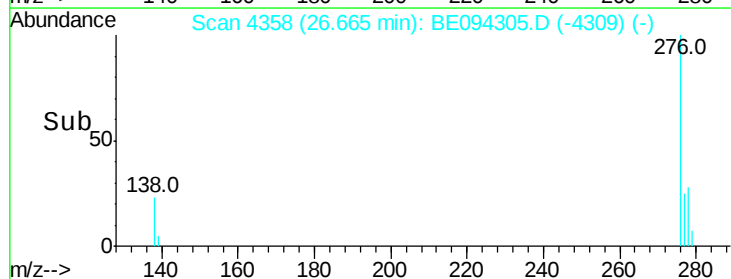
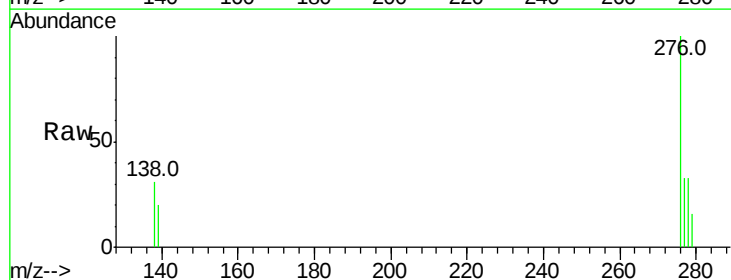
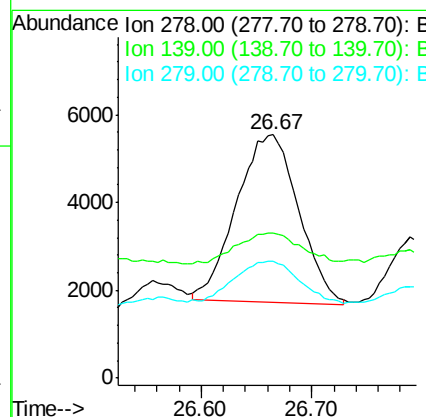
Manual Integrations
APPROVED

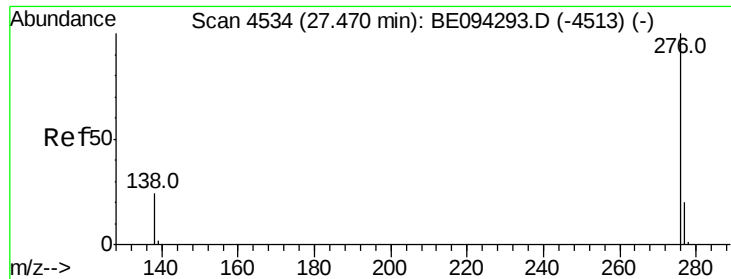
Sohil
10/13/2017 12:06:14 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul m
RT: 26.67 min Scan# 4358
Delta R.T. 0.02 min
Lab File: BE094305.D
Acq: 12 Oct 2017 6:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	59.5	17.4	26.0#
279	47.8	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 1.296 ng/ul m
 RT: 27.50 min Scan# 4541
 Delta R.T. 0.03 min
 Lab File: BE094305.D
 Acq: 12 Oct 2017 6:56

Instrument :
 BNA_E
 ClientSampleId :
 C0AF1

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	21.8	32.8#
277	35.5	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:14 PM

