

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094380.D
 Acq On : 15 Oct 2017 6:25
 Operator : SJ/JU
 Sample : I5548-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF6

Manual Integrations
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Sohil
 10/16/2017 8:25:47 PM

Quant Time: Oct 16 06:25:21 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1608	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5239	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11977	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11853	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	11140m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2929	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	7609	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	1802	0.086	ng/ul#	89
5) 2-Methylnaphthalene	12.35	142	1402	0.103	ng/ul	98
7) Acenaphthylene	14.24	152	3256	0.159	ng/ul	96
8) Acenaphthene	14.58	153	2147	0.128	ng/ul	98
9) Fluorene	15.57	166	2758	0.140	ng/ul	93
12) Phenanthrene	17.29	178	56559	1.807	ng/ul#	88
13) Anthracene	17.38	178	13083	0.430	ng/ul#	89
15) Fluoranthene	19.31	202	140804	3.424	ng/ul	84
17) Pyrene	19.67	202	135340	4.104	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	72614	2.309	ng/ul#	88
19) Chrysene	21.46	228	73663	2.029	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	91987m	3.040	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	34742m	0.993	ng/ul	
23) Benzo(a)pyrene	23.84	252	62951m	2.002	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.63	276	41996m	1.306	ng/ul	
25) Dibenzo(a,h)anthracene	26.63	278	11927m	0.442	ng/ul	
26) Benzo(a,h,i)perylene	27.46	276	33987m	1.225	ng/ul	

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

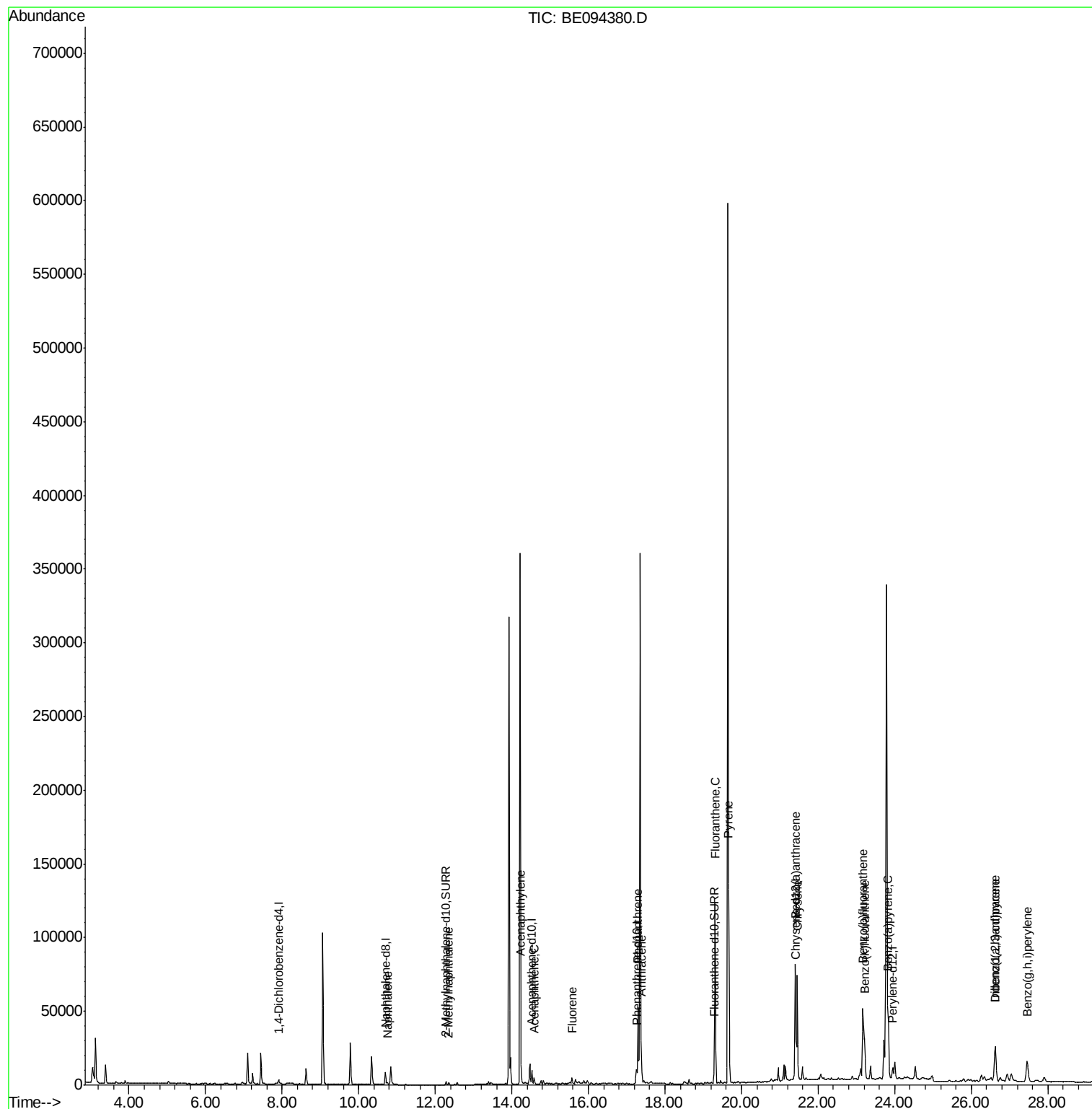
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094380.D
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ALS Vial : 27 Sample Multiplier: 1

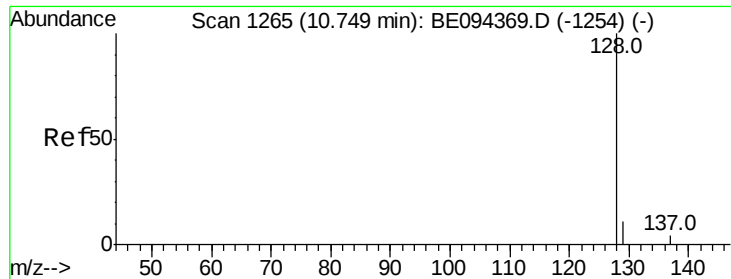
Instrument :
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Quant Time: Oct 16 06:25:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Mon Oct 16 05:09:03 2017
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#3

Naphthalene

Concen: 0.086 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

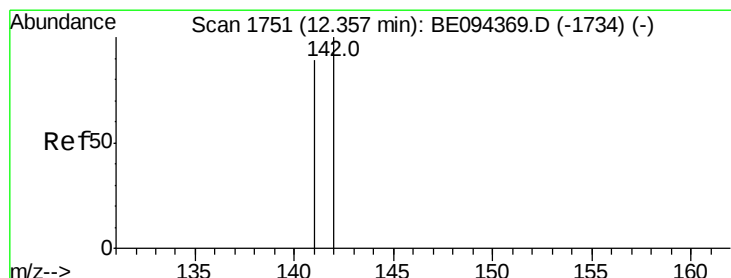
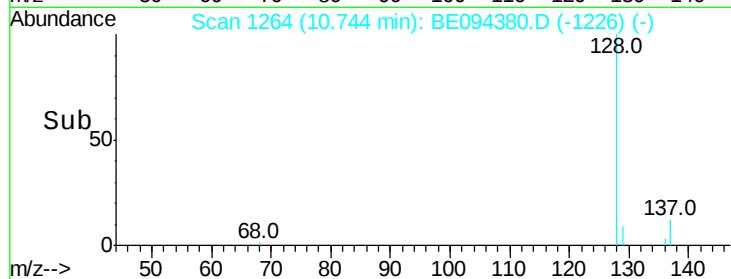
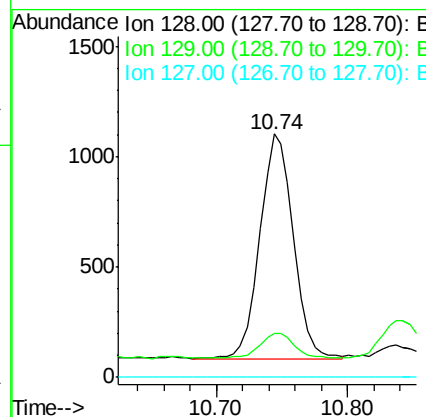
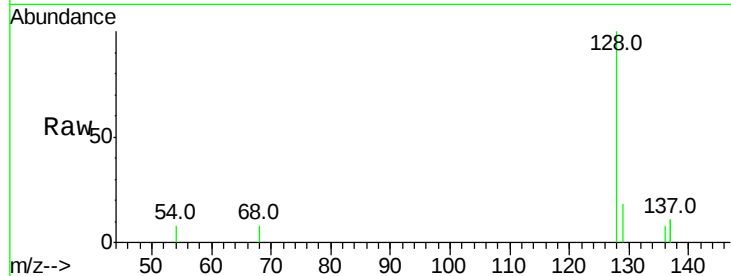
ClientSampled :

C0AF6

Tot Ion:	128	Resp:	1802
Ion Ratio	Lower	Upper	
128	100		
129	18.0	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.103 ng/ul

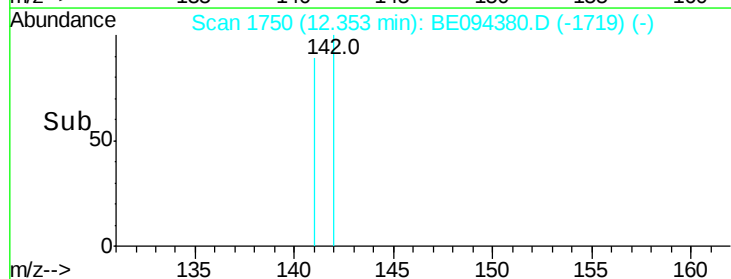
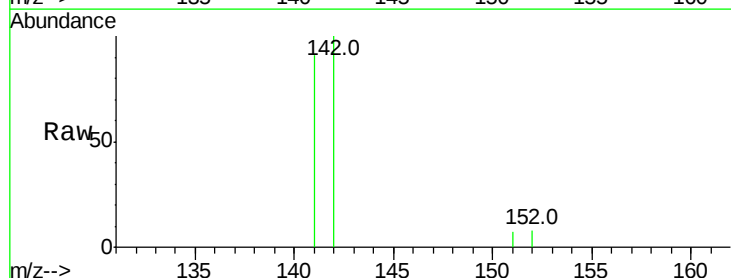
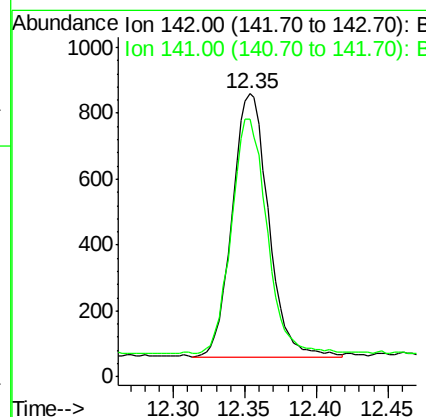
RT: 12.35 min Scan# 1750

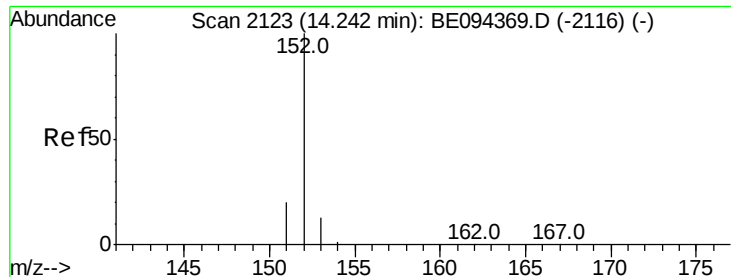
Delta R.T. -0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Tgt Ion:	142	Resp:	1402
Ion Ratio	Lower	Upper	
142	100		
141	88.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.159 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

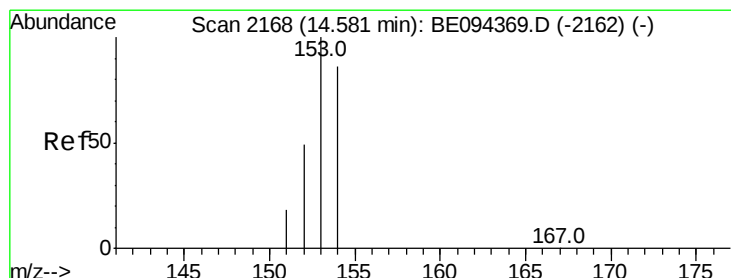
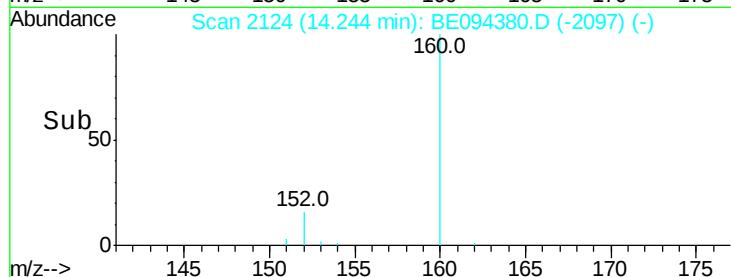
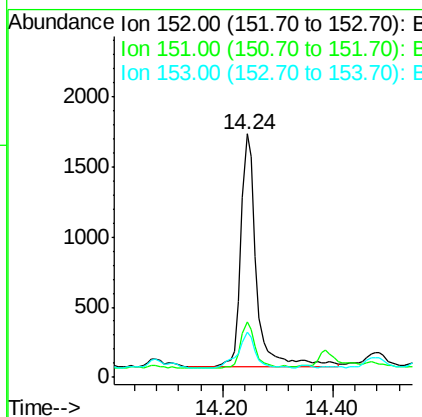
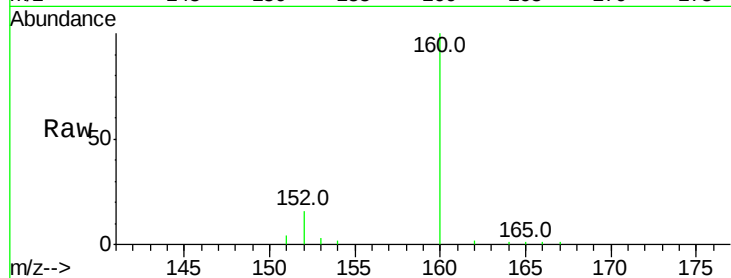
ClientSampleId :

C0AF6

Tot Ion:	152	Resp:	3256
Ion Ratio	Lower	Upper	
152	100		
151	22.8	17.1	25.7
153	18.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.128 ng/ul

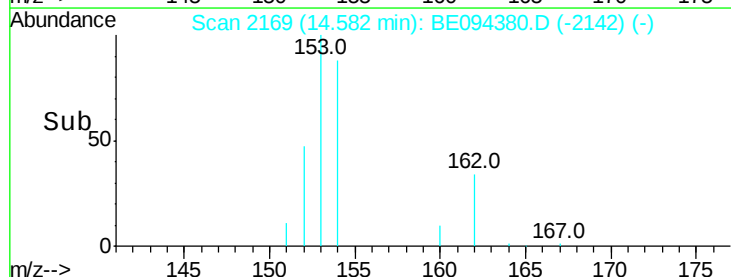
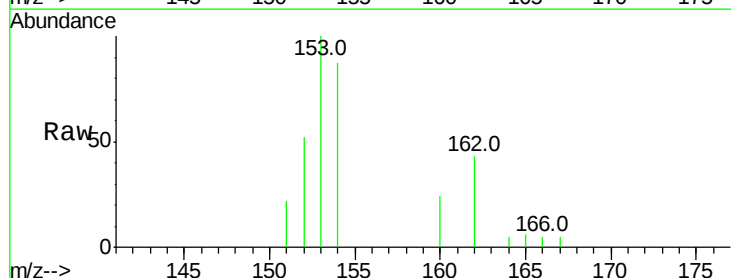
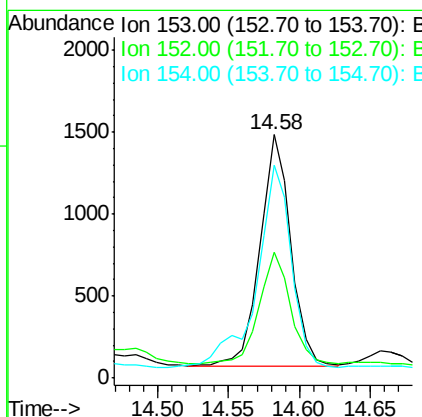
RT: 14.58 min Scan# 2169

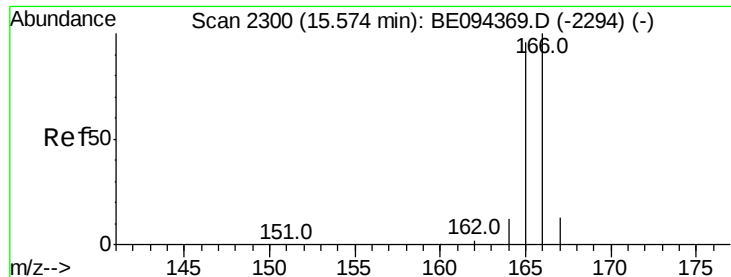
Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Tgt Ion:	153	Resp:	2147
Ion Ratio	Lower	Upper	
153	100		
152	51.6	40.3	60.5
154	87.3	71.4	107.2





#9

Fluorene

Concen: 0.140 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

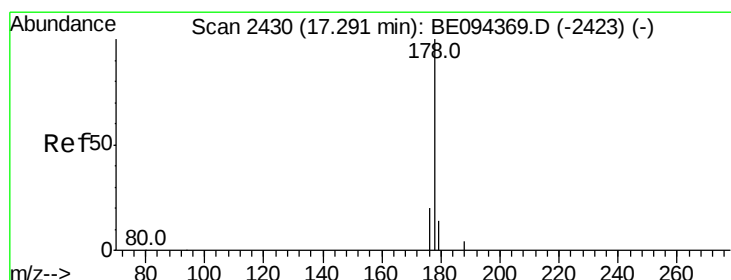
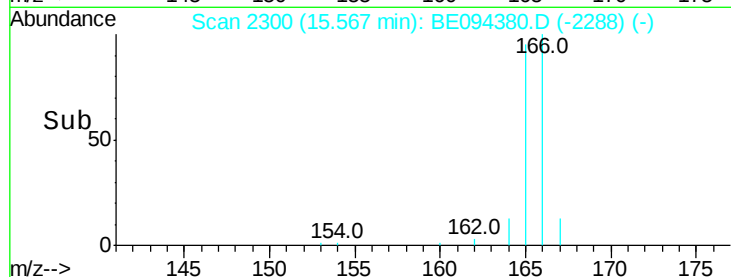
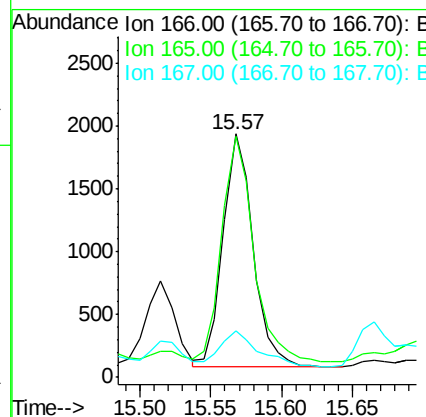
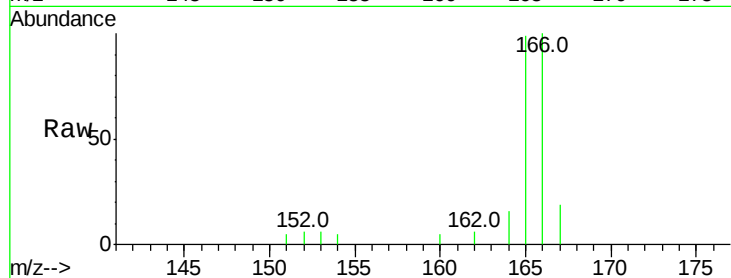
ClientSampled :

C0AF6

Tot Ion:	166	Resp:	2758
Ion Ratio	Lower	Upper	
166	100		
165	99.0	73.4	110.2
167	19.2	14.6	22.0

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#12

Phenanthrene

Concen: 1.807 ng/ul

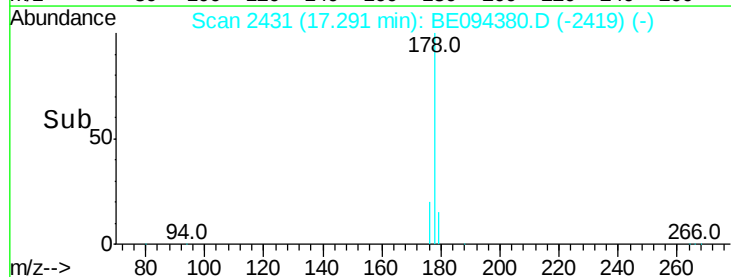
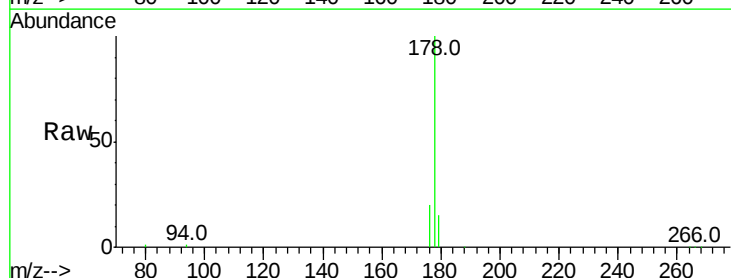
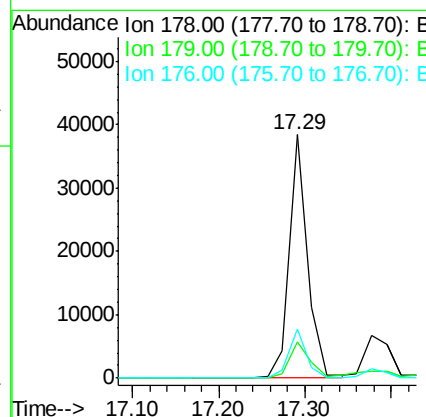
RT: 17.29 min Scan# 2431

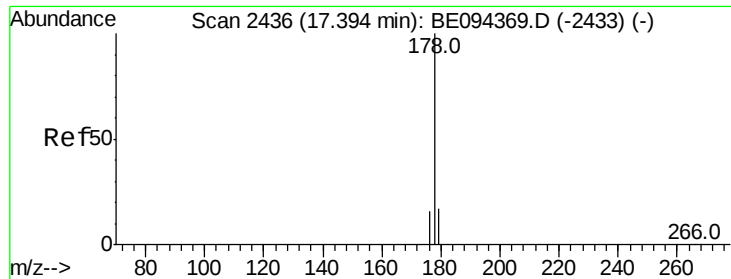
Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Tgt Ion:	178	Resp:	56559
Ion Ratio	Lower	Upper	
178	100		
179	15.0	18.4	27.6#
176	19.9	13.6	20.4





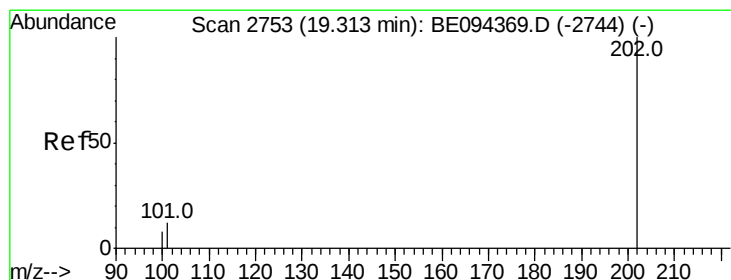
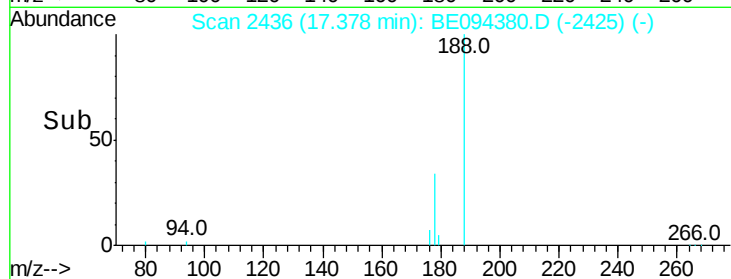
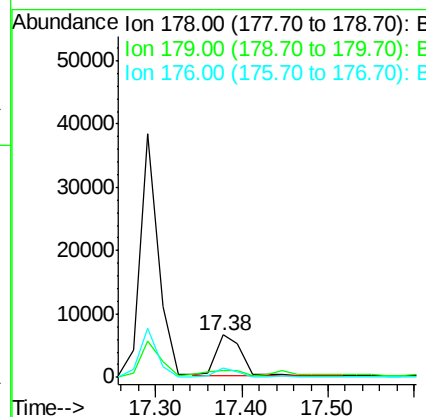
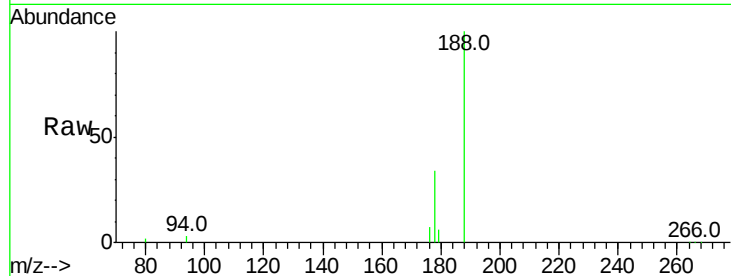
#13
 Anthracene
 Concen: 0.430 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094380.D
 Acq: 15 Oct 2017 6:25

Instrument :
 BNA_E
 ClientSampleId :
 C0AF6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	21.8	14.7	22.1

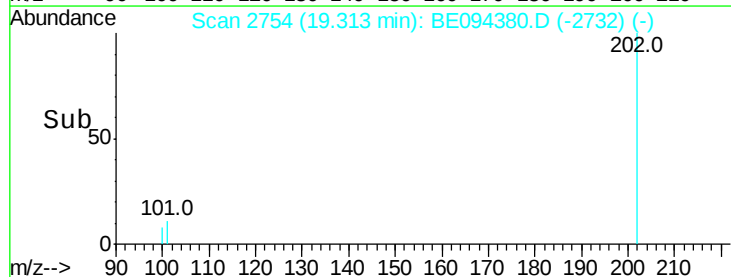
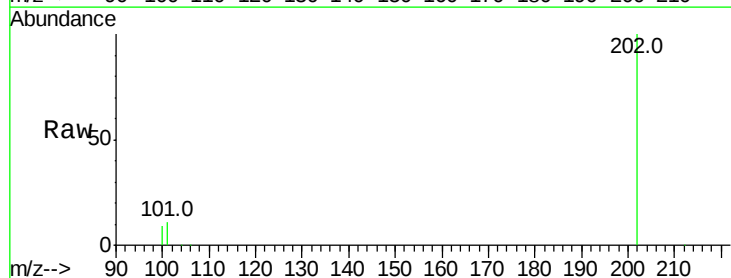
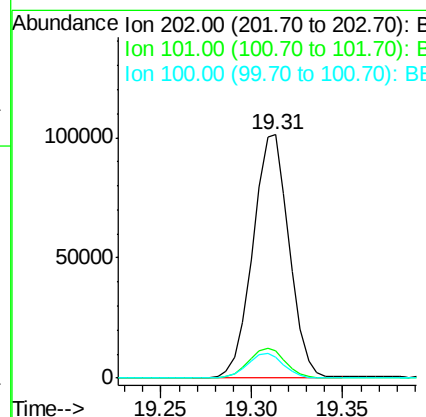
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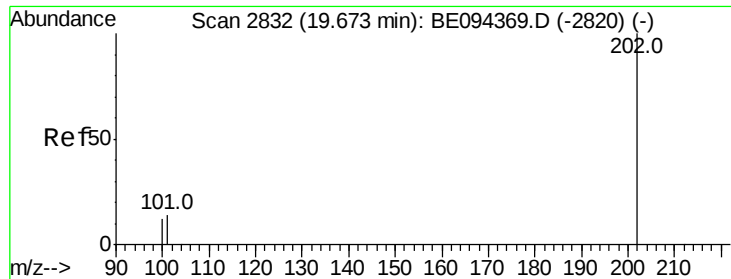
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#15
 Fluoranthene
 Concen: 3.424 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. 0.00 min
 Lab File: BE094380.D
 Acq: 15 Oct 2017 6:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	8.6	0.0	39.5





#17

Pvrene

Concen: 4.104 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

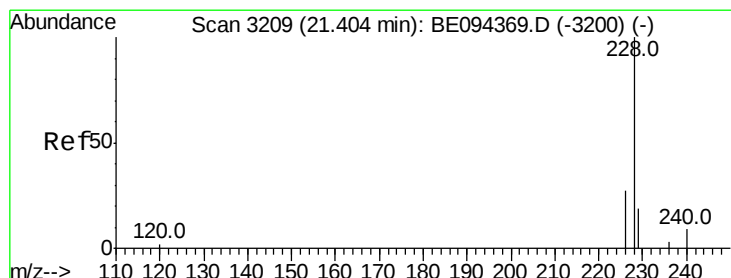
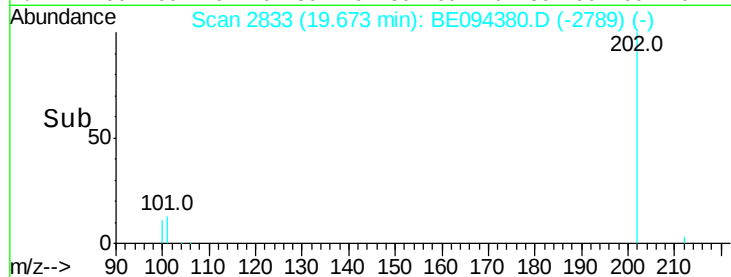
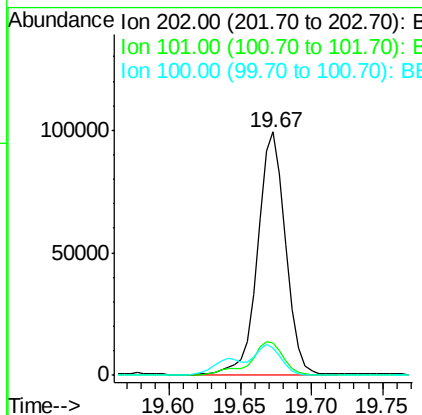
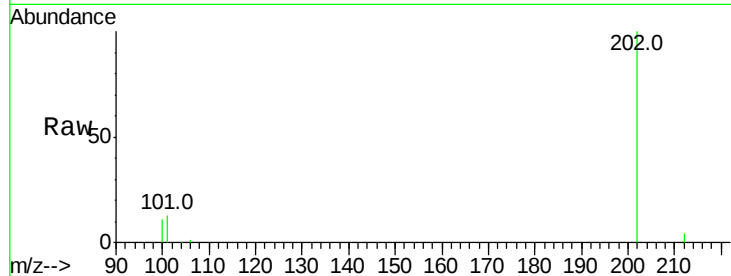
ClientSampleId :

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Tot Ion:	202	Resp:	135340
Ion Ratio	Lower	Upper	
202	100		
101	13.4	18.2	27.4#
100	11.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.309 ng/ul

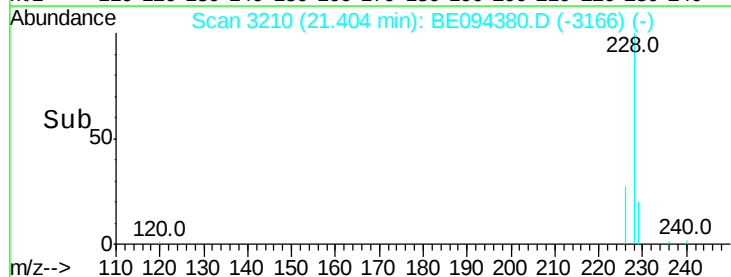
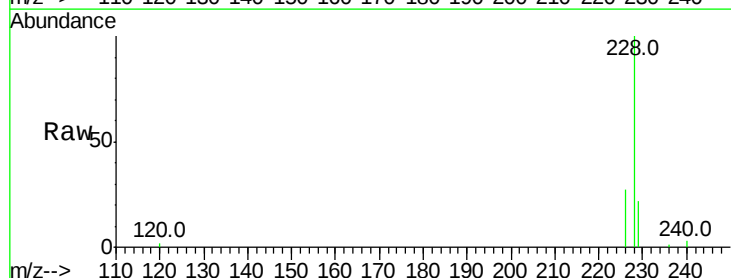
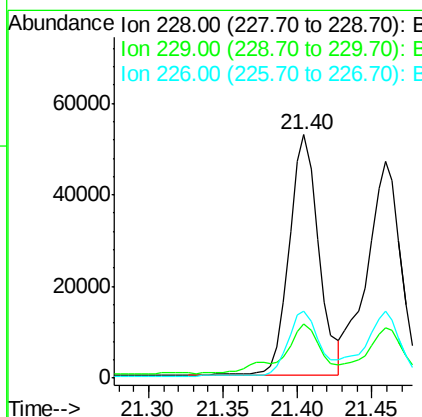
RT: 21.40 min Scan# 3210

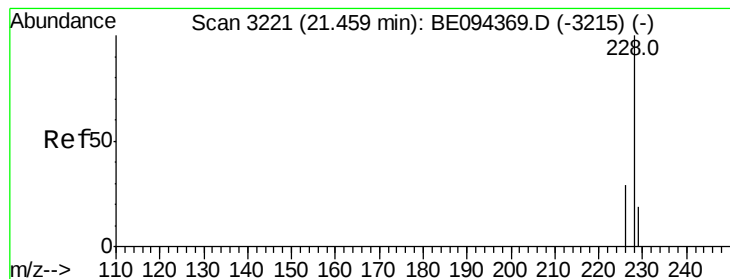
Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Tgt Ion:	228	Resp:	72614
Ion Ratio	Lower	Upper	
228	100		
229	22.1	22.8	34.2#
226	27.3	17.0	25.6#





#19

Chrysene

Concen: 2.029 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

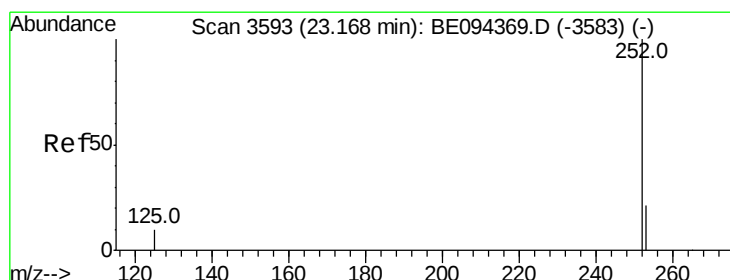
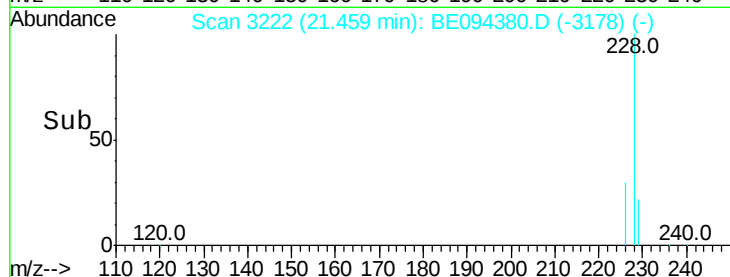
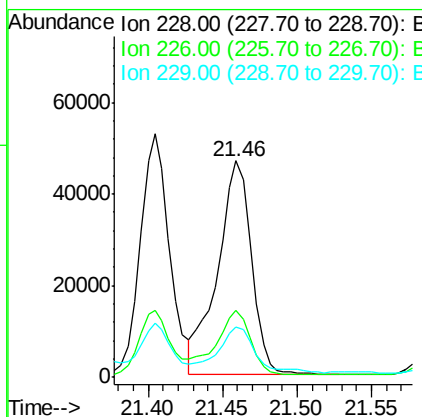
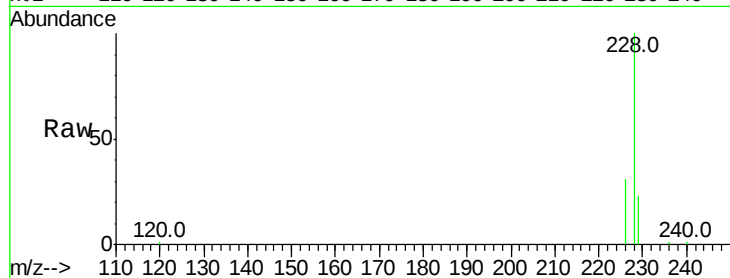
ClientSampleId :

C0AF6

Tot Ion:	228	Resp:	73663
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.0
229	23.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.040 ng/ul m

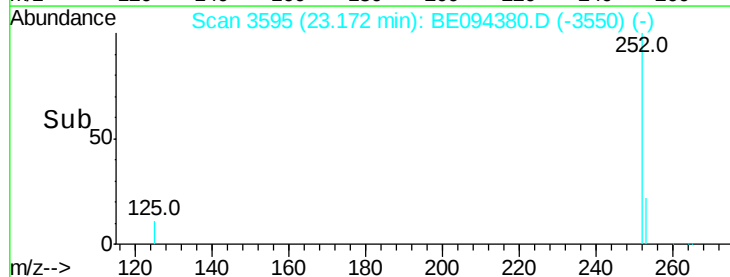
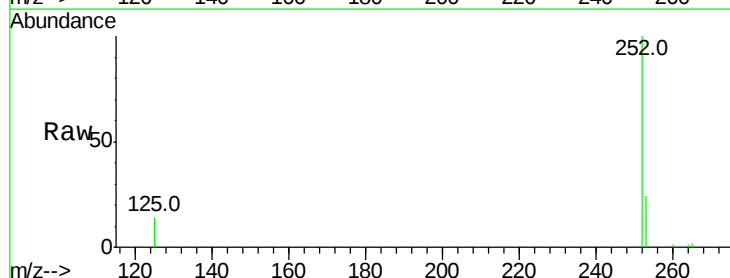
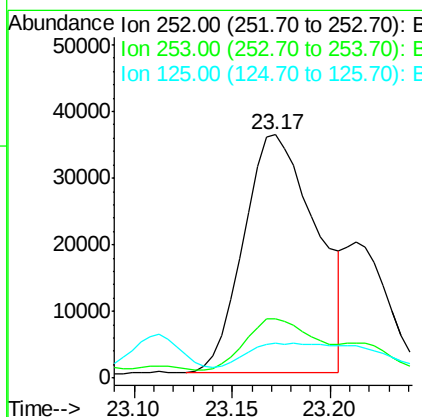
RT: 23.17 min Scan# 3595

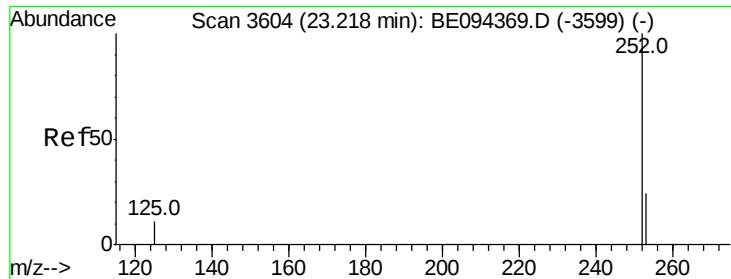
Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Tgt Ion:	252	Resp:	91987
Ion Ratio	Lower	Upper	
252	100		
253	24.3	0.0	64.2
125	14.2	0.0	35.0





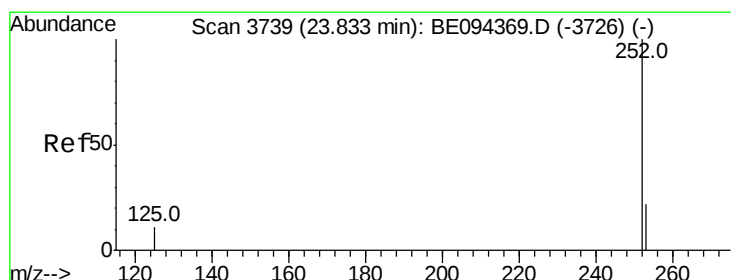
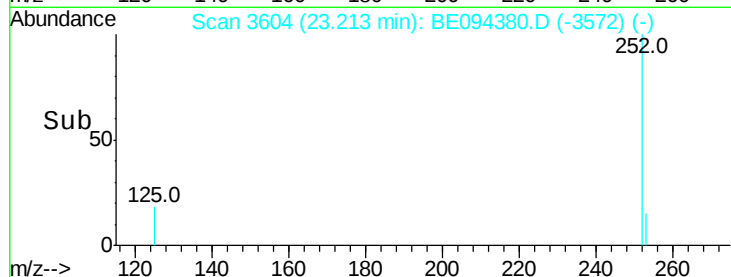
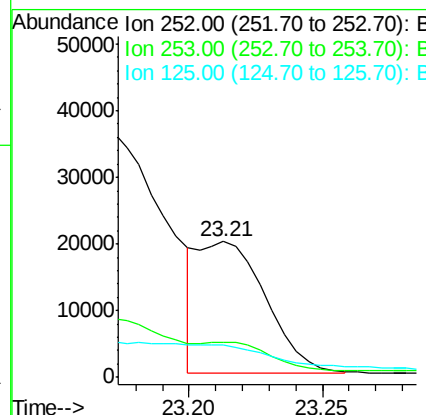
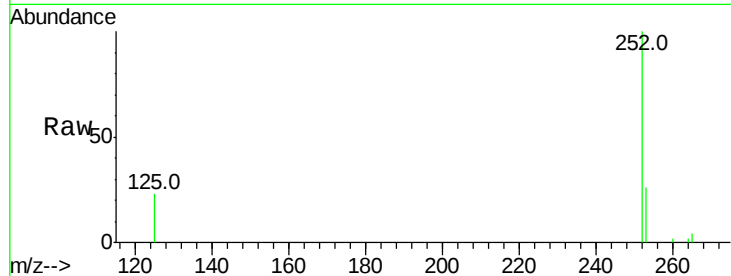
#22
Benzo(k)fluoranthene
Concen: 0.993 ng/ul m
RT: 23.21 min Scan# 3604
Delta R.T. -0.00 min
Lab File: BE094380.D
Acq: 15 Oct 2017 6:25

Instrument :
BNA_E
ClientSampleId :
C0AF6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	24.5	36.7
125	23.5	13.7	20.5#

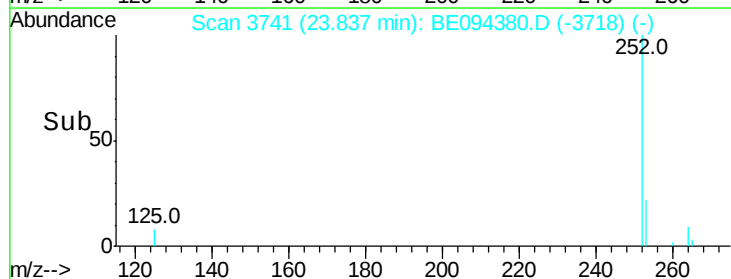
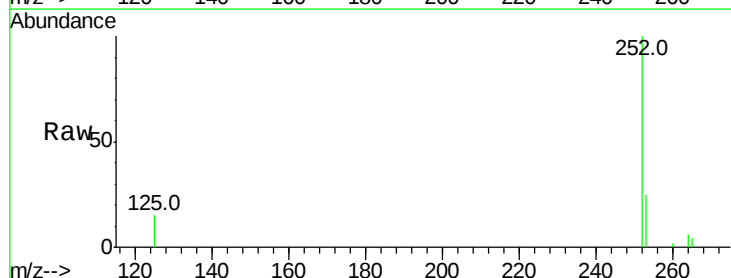
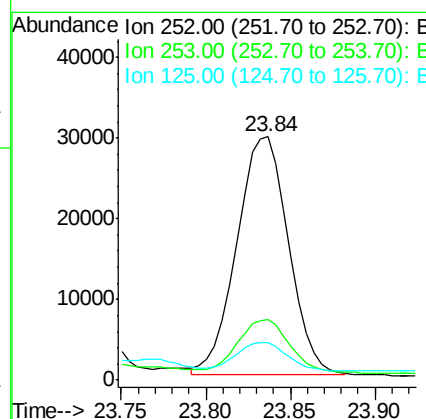
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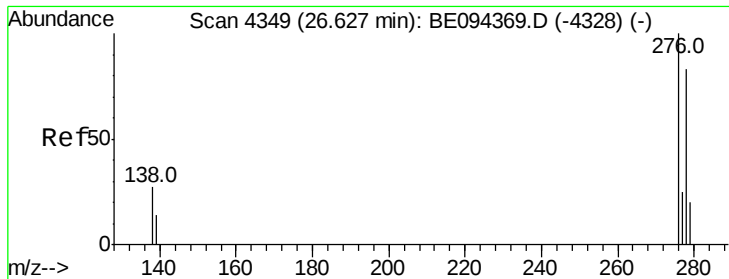
Sohil
10/16/2017 8:25:47 PM



#23
Benzo(a)pyrene
Concen: 2.002 ng/ul m
RT: 23.84 min Scan# 3741
Delta R.T. 0.00 min
Lab File: BE094380.D
Acq: 15 Oct 2017 6:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	28.5	42.7#
125	15.4	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.306 ng/ul m

RT: 26.63 min Scan# 4350

Delta R.T. 0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

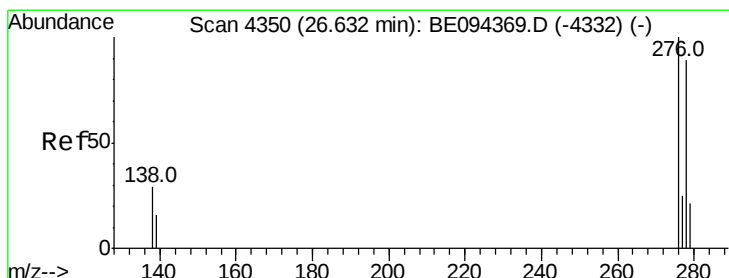
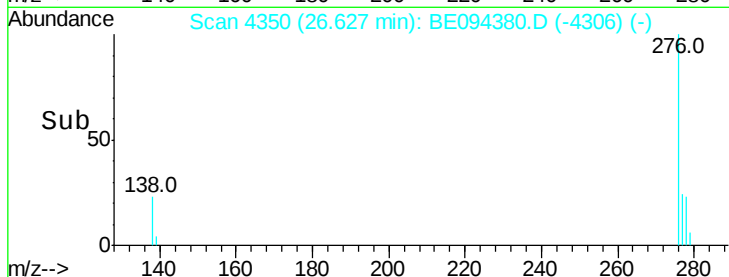
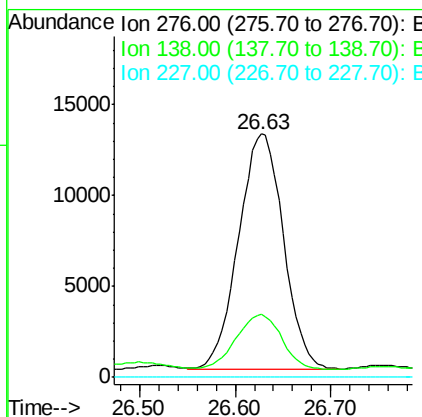
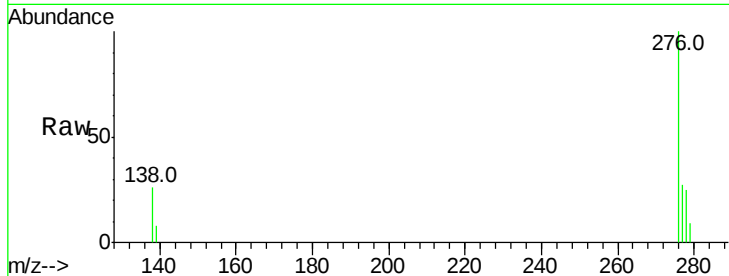
ClientSampleId :

C0AF6

Tot Ion:	276	Resp:	41996
Ion Ratio	Lower	Upper	
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.442 ng/ul m

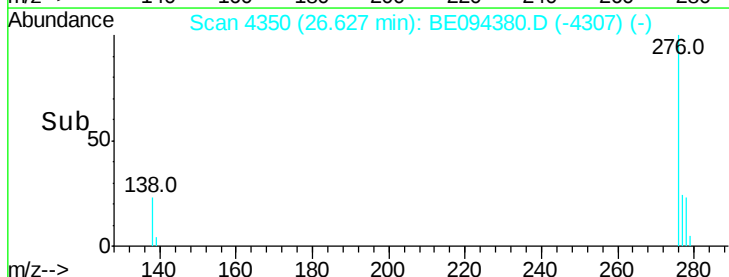
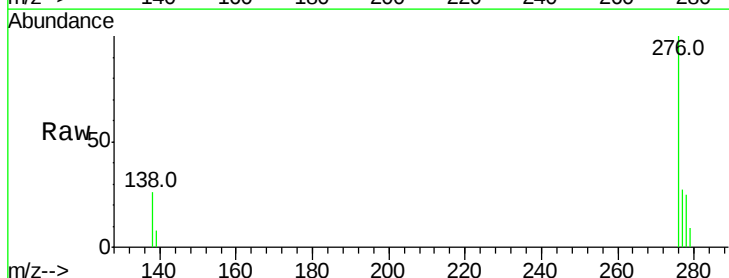
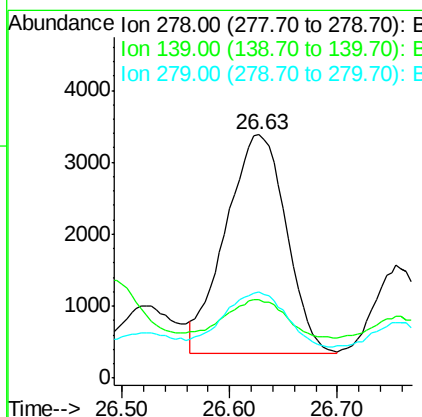
RT: 26.63 min Scan# 4350

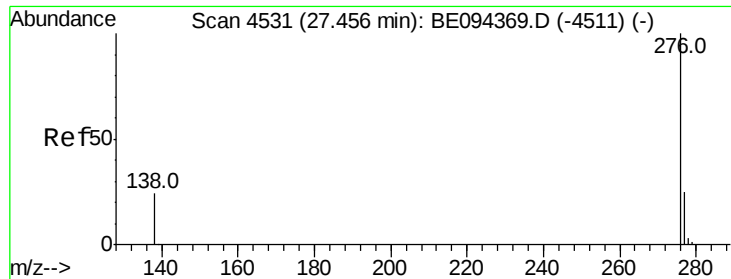
Delta R.T. -0.00 min

Lab File: BE094380.D

Acq: 15 Oct 2017 6:25

Tgt Ion:	278	Resp:	11927
Ion Ratio	Lower	Upper	
278	100		
139	32.3	17.4	26.0#
279	35.6	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 1.225 ng/ul m

RT: 27.46 min Scan# 4533

Delta R.T. 0.00 min

Lab File: BE094380.D

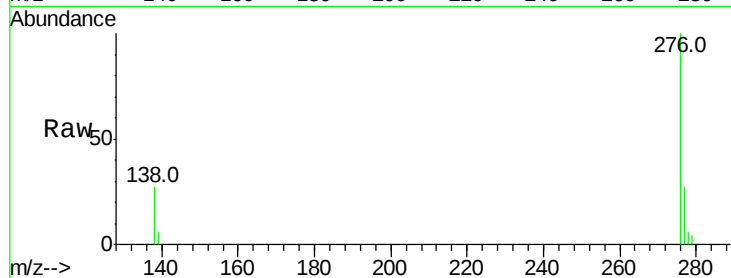
Acq: 15 Oct 2017 6:25

Instrument :

BNA_E

ClientSampleId :

C0AF6



Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.8
277	26.9	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:47 PM

