

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094402.D
 Acq On : 15 Oct 2017 20:35
 Operator : SJ/JU
 Sample : I5548-13
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9

Manual Integrations
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Quant Time: Oct 16 08:11:29 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 07:45:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1837	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5781	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12100	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11538	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11735m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2832	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	6332	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	3565	0.146	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	2407	0.152	ng/ul	98
7) Acenaphthylene	14.25	152	3593	0.159	ng/ul	95
8) Acenaphthene	14.59	153	2354	0.127	ng/ul	99
9) Fluorene	15.57	166	2167	0.100	ng/ul#	93
12) Phenanthrene	17.29	178	107799m	3.409	ng/ul	
13) Anthracene	17.39	178	15210	0.495	ng/ul	95
15) Fluoranthene	19.32	202	551410	13.272	ng/ul	84
17) Pyrene	19.68	202	495675	15.440	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	249449	8.150	ng/ul#	88
19) Chrysene	21.47	228	459822	13.008	ng/ul	98
21) Benzo(b)fluoranthene	23.20	252	653075	20.487	ng/ul	86
22) Benzo(k)fluoranthene	23.24	252	212936m	5.779	ng/ul	
23) Benzo(a)pyrene	23.86	252	381719m	11.523	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.68	276	330926m	9.766	ng/ul	
25) Dibenzo(a,h)anthracene	26.68	278	80753m	2.841	ng/ul	
26) Benzo(a,h,i)perylene	27.53	276	288965m	9.886	ng/ul	

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

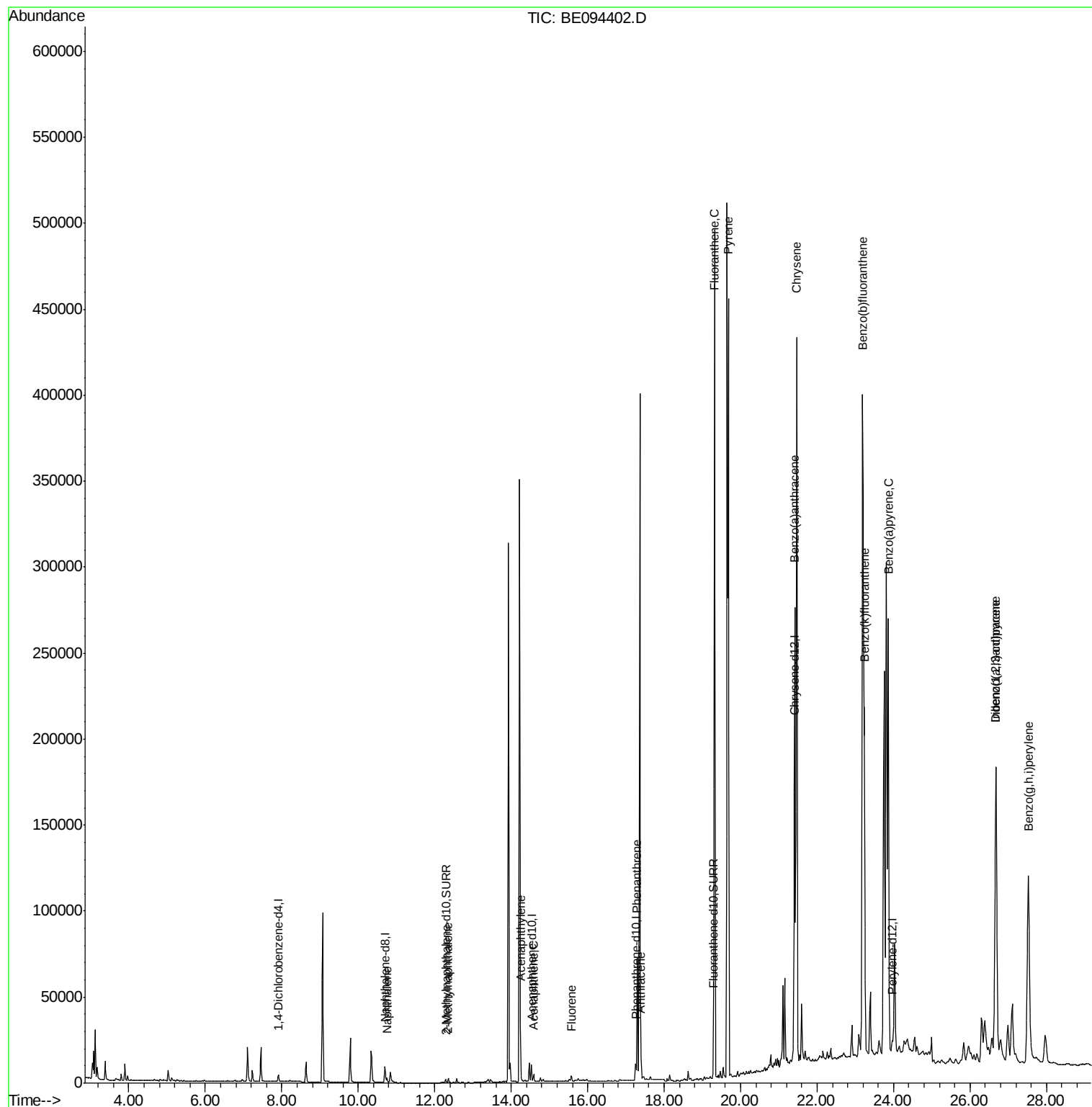
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
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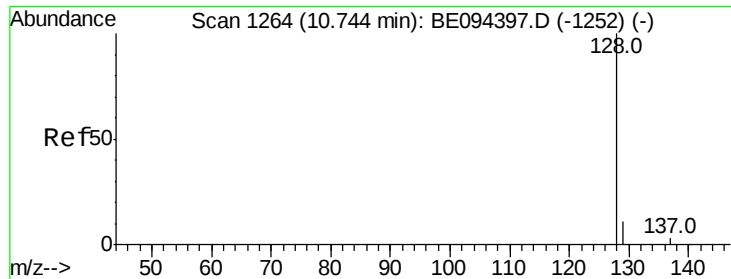
Instrument :
BNA_E
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C0AC9

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Mon Oct 16 07:45:00 2017
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#3

Naphthalene

Concen: 0.146 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BE094402.D

Acq: 15 Oct 2017 20:35

Instrument :

BNA_E

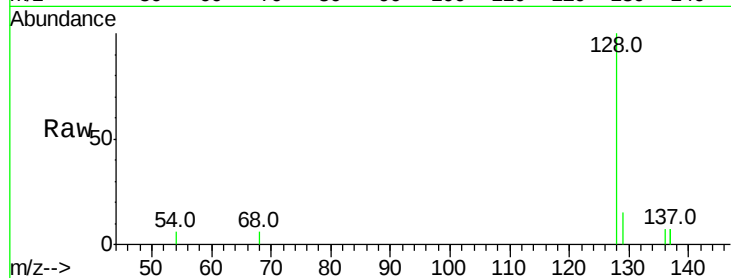
ClientSampleId :

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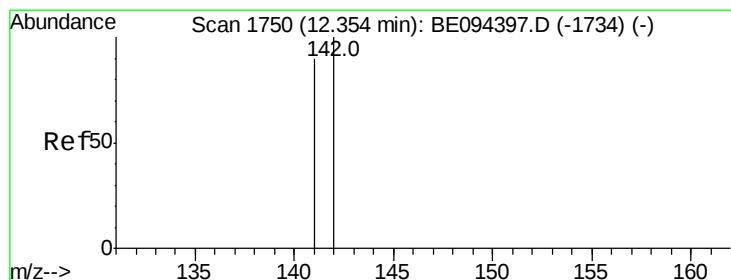
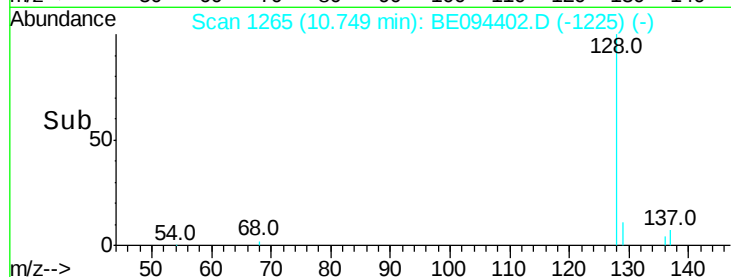
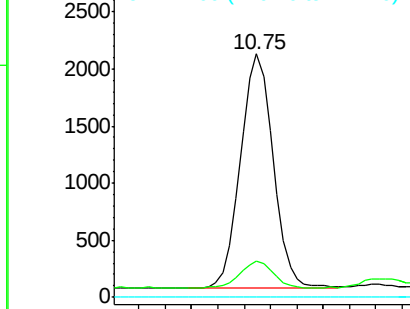
Tot Ion:	128	Resp:	3565
Ion	Ratio	Lower	Upper
128	100		
129	14.8	11.3	16.9
127	0.0	4.0	6.0#

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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: 0.152 ng/ul

RT: 12.36 min Scan# 1752

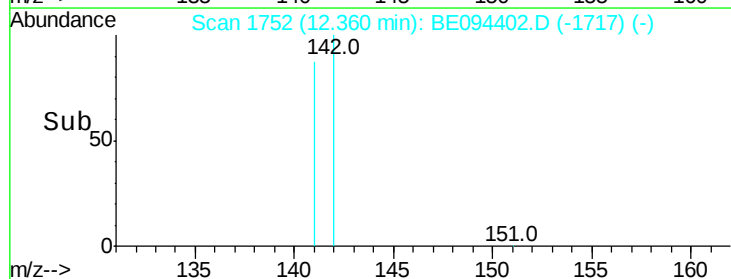
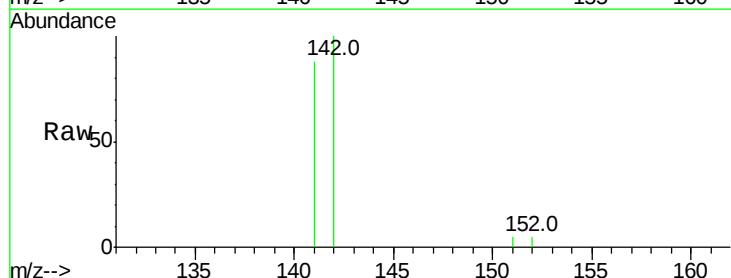
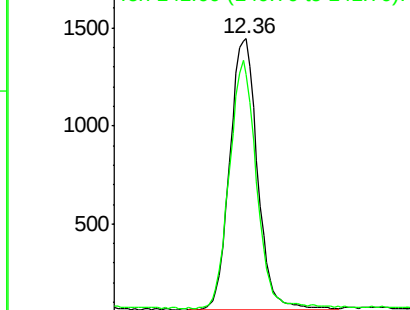
Delta R.T. 0.01 min

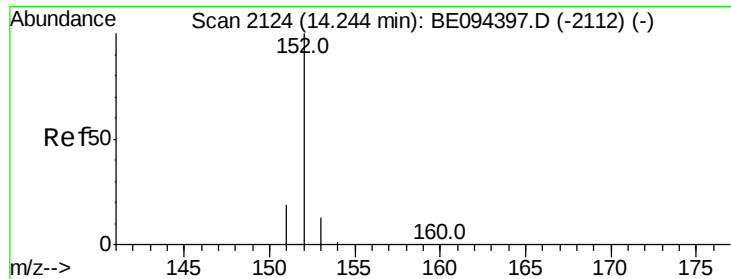
Lab File: BE094402.D

Acq: 15 Oct 2017 20:35

Tgt Ion:	142	Resp:	2407
Ion	Ratio	Lower	Upper
142	100		
141	89.0	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: 0.159 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094402.D

Acq: 15 Oct 2017 20:35

Instrument :

BNA_E

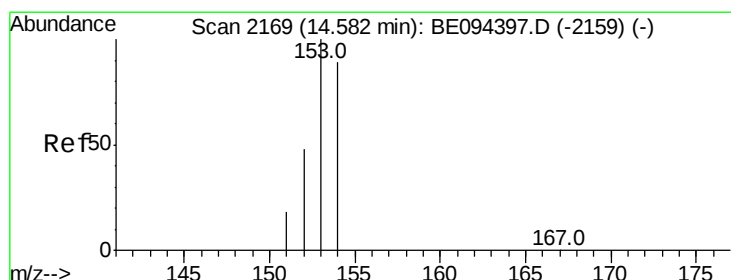
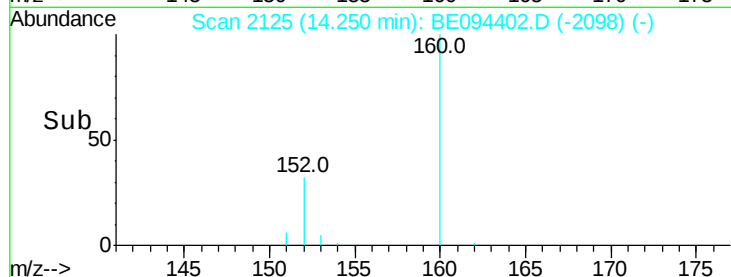
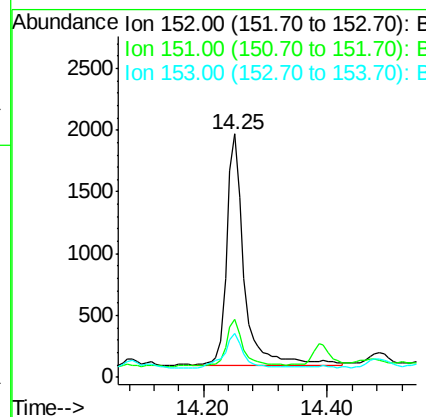
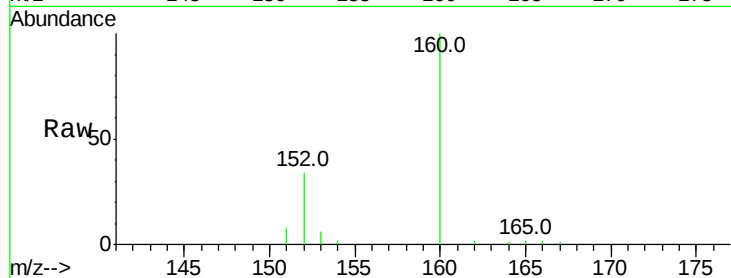
ClientSampled :

C0AC9

Tot Ion:	152	Resp:	3593
Ion Ratio	Lower	Upper	
152	100		
151	23.6	17.1	25.7
153	18.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.127 ng/ul

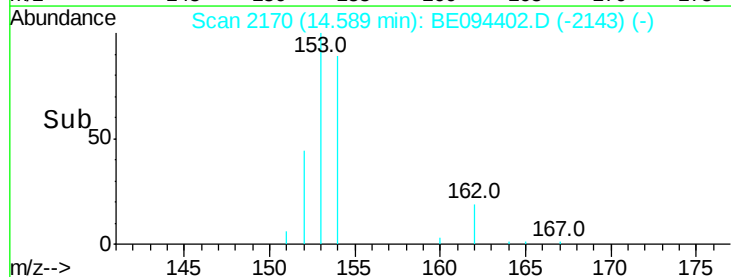
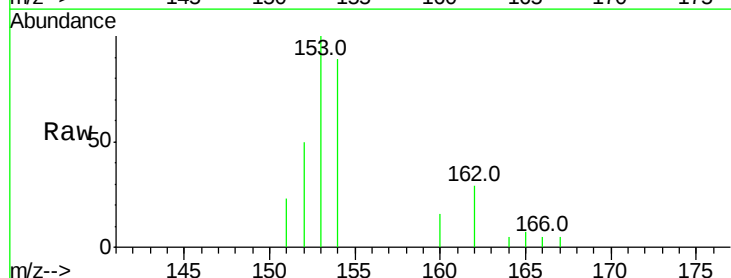
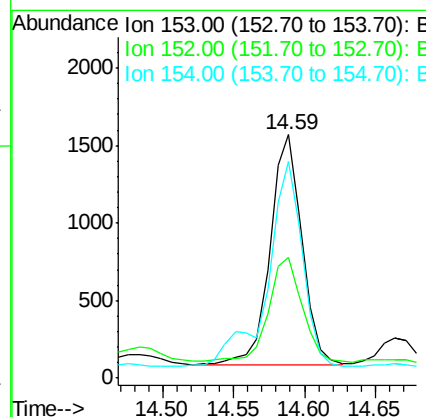
RT: 14.59 min Scan# 2170

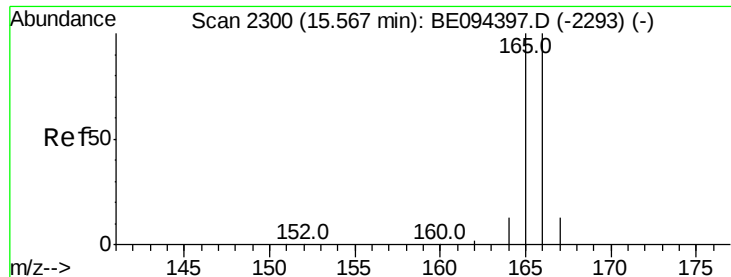
Delta R.T. 0.01 min

Lab File: BE094402.D

Acq: 15 Oct 2017 20:35

Tgt Ion:	153	Resp:	2354
Ion Ratio	Lower	Upper	
153	100		
152	49.8	40.3	60.5
154	88.9	71.4	107.2





#9

Fluorene

Concen: 0.100 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BE094402.D

Acq: 15 Oct 2017 20:35

Instrument :

BNA_E

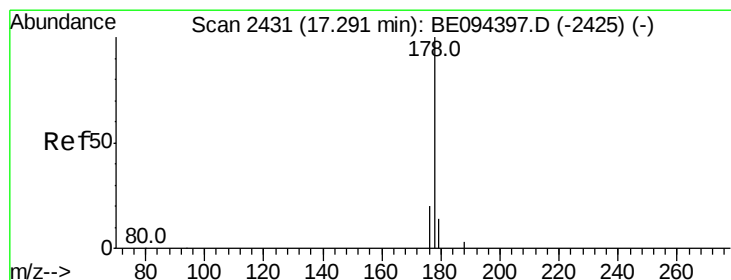
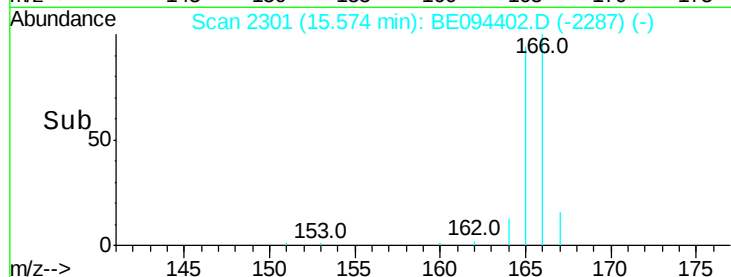
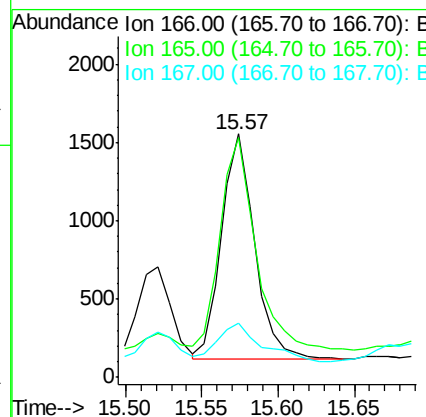
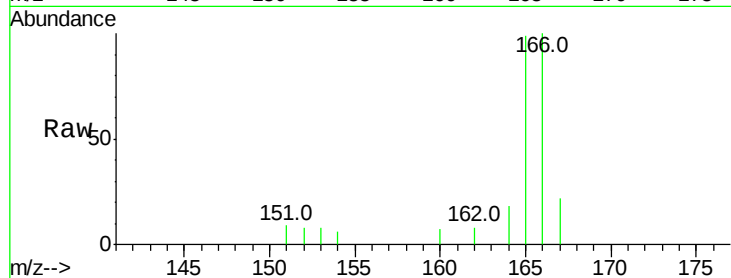
ClientSampleId :

C0AC9

Tot Ion:	166	Resp:	2167
Ion Ratio	Lower	Upper	
166	100		
165	98.7	73.4	110.2
167	22.0	14.6	22.0#

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#12

Phenanthrene

Concen: 3.409 ng/ul m

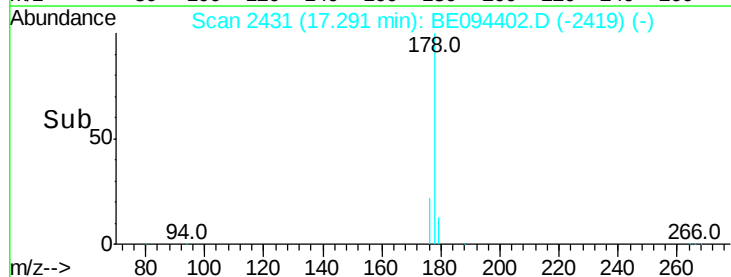
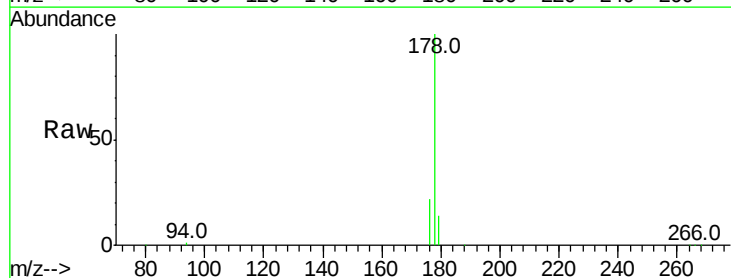
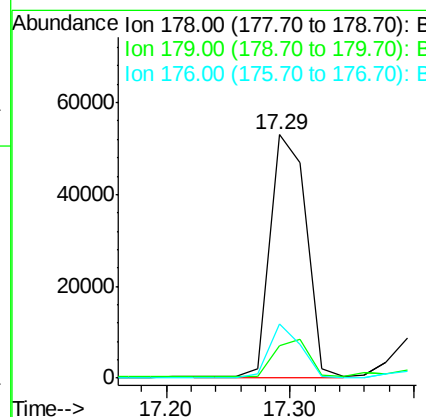
RT: 17.29 min Scan# 2431

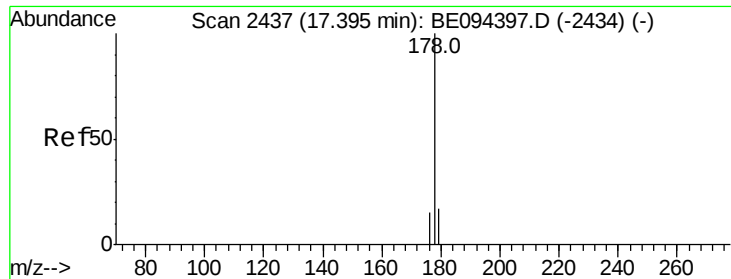
Delta R.T. 0.00 min

Lab File: BE094402.D

Acq: 15 Oct 2017 20:35

Tgt Ion:	178	Resp:	107799
Ion Ratio	Lower	Upper	
178	100		
179	13.5	18.4	27.6#
176	22.3	13.6	20.4#





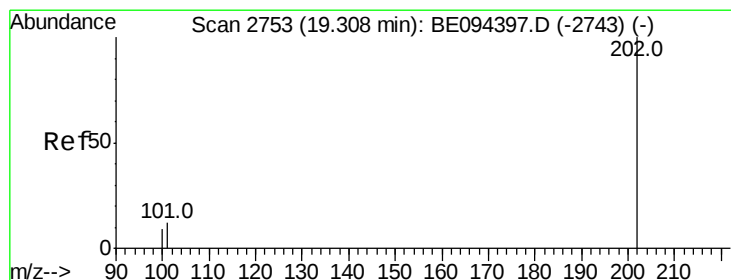
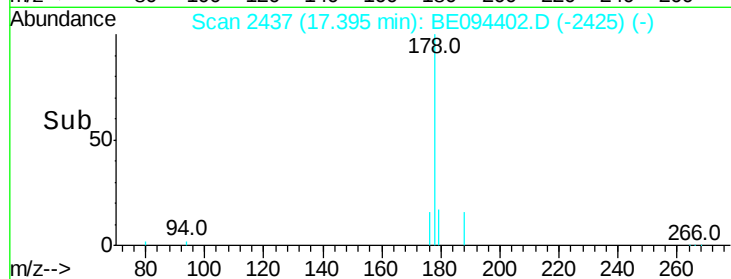
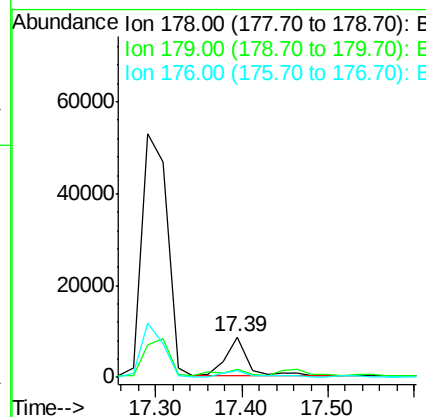
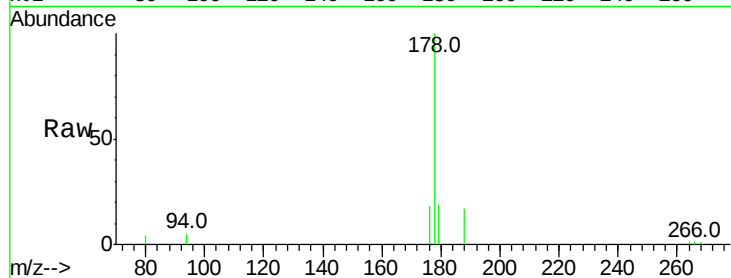
#13
 Anthracene
 Concen: 0.495 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BE094402.D
 Acq: 15 Oct 2017 20:35

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9

Tot Ion:178 Resp: 15210
 Ion Ratio Lower Upper
 178 100
 179 19.0 18.1 27.1
 176 17.9 14.7 22.1

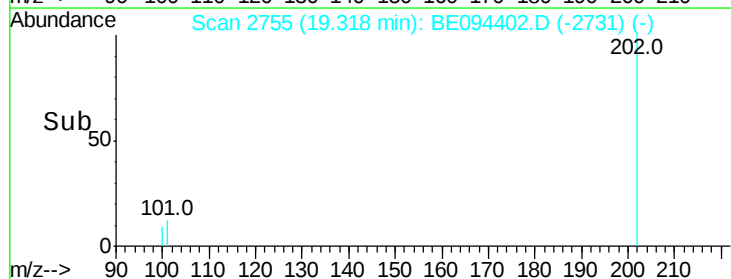
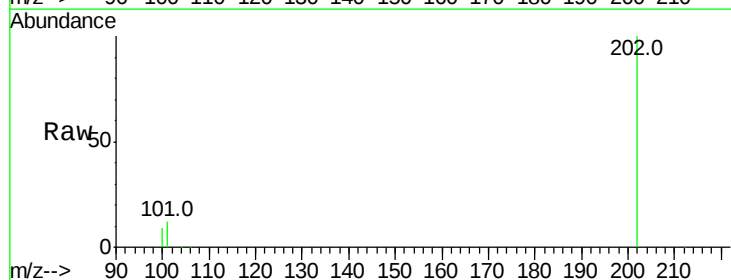
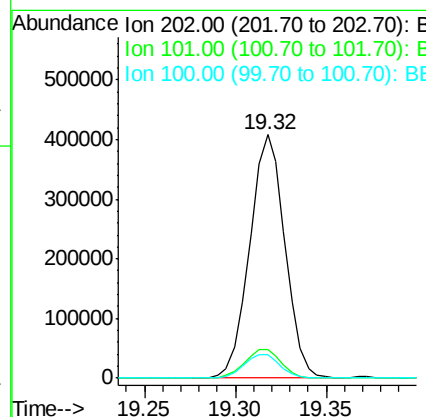
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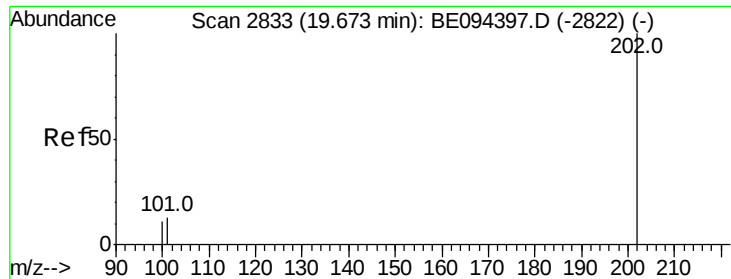
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#15
 Fluoranthene
 Concen: 13.272 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.01 min
 Lab File: BE094402.D
 Acq: 15 Oct 2017 20:35

Tgt Ion:202 Resp: 551410
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 30.3
 100 9.4 0.0 39.5





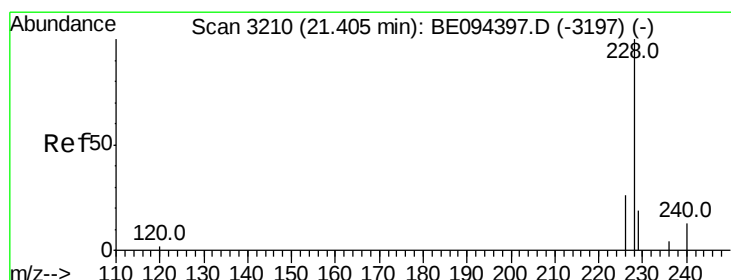
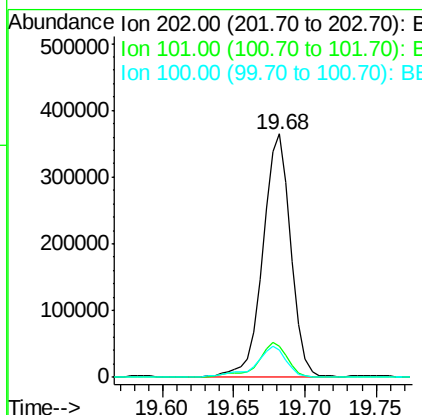
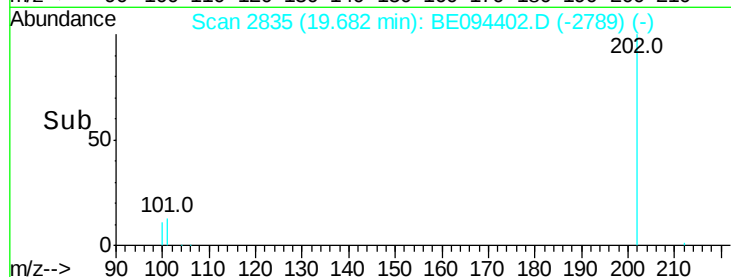
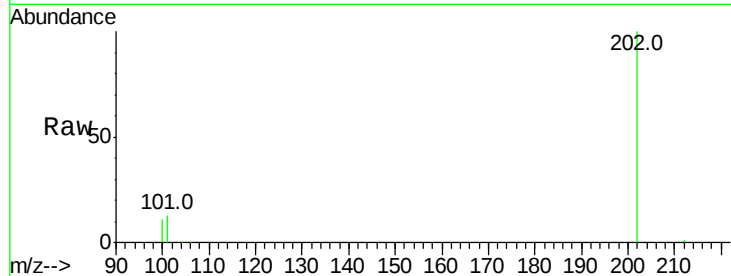
#17
Pvrene
Concen: 15.440 ng/ul
RT: 19.68 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :
C0AC9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	11.0	15.6	23.4#

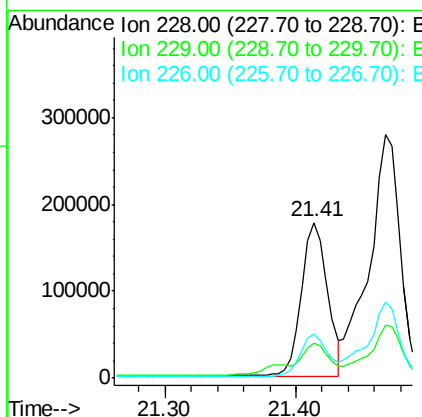
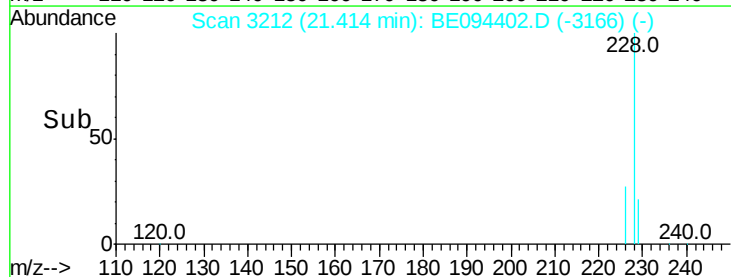
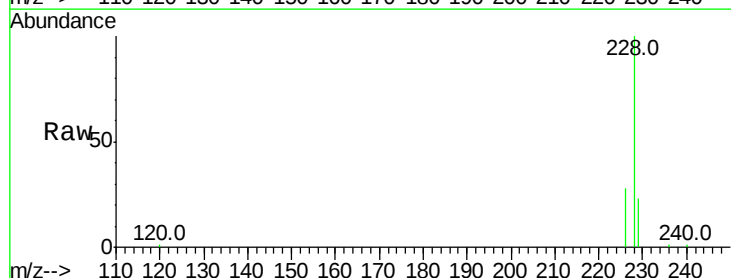
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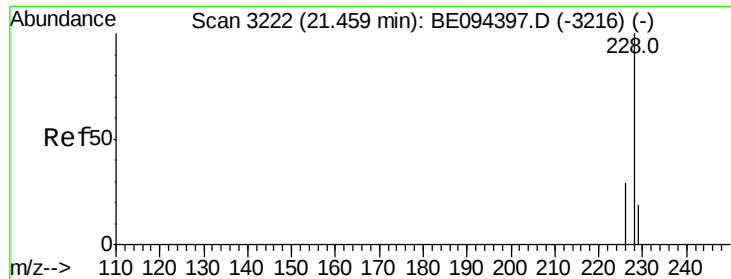
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#18
Benzo(a)anthracene
Concen: 8.150 ng/ul
RT: 21.41 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.8	22.8	34.2
226	28.0	17.0	25.6#





#19

Chrysene

Concen: 13.008 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE094402.D

Acq: 15 Oct 2017 20:35

Instrument :

BNA_E

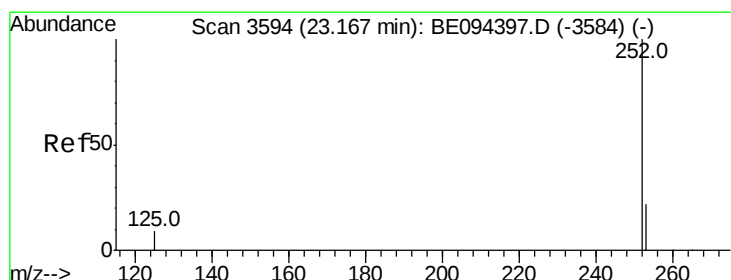
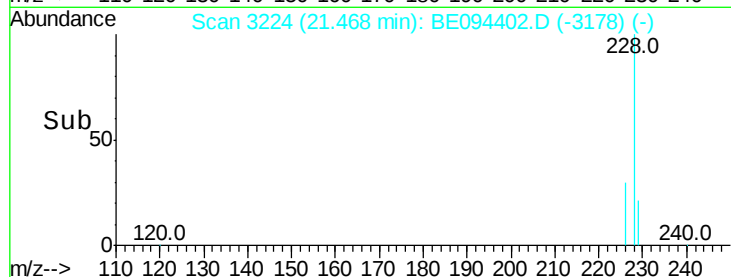
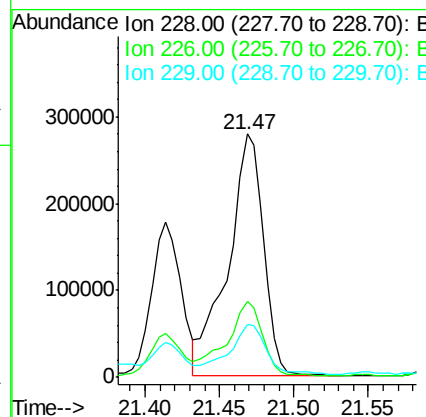
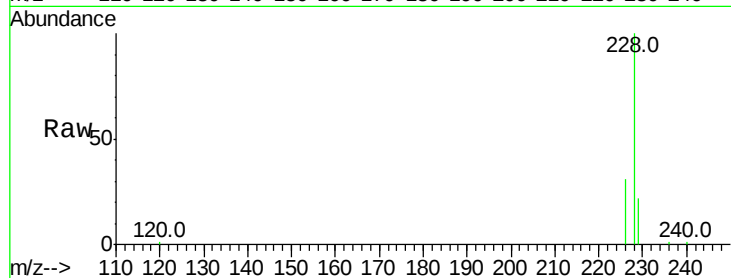
ClientSampled :

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Tot Ion:228	Resp:	459822
Ion Ratio	Lower	Upper
228 100		
226 30.9	23.4	35.0
229 21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 20.487 ng/ul

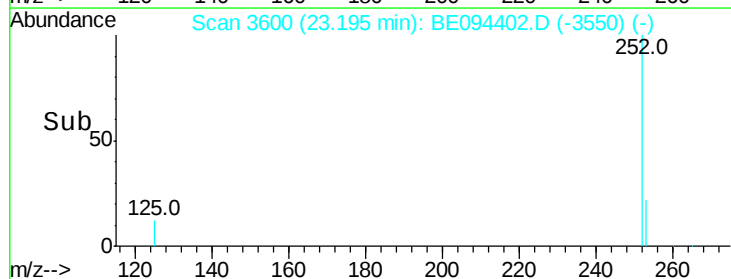
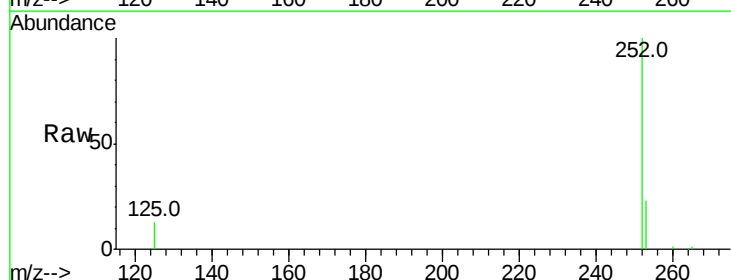
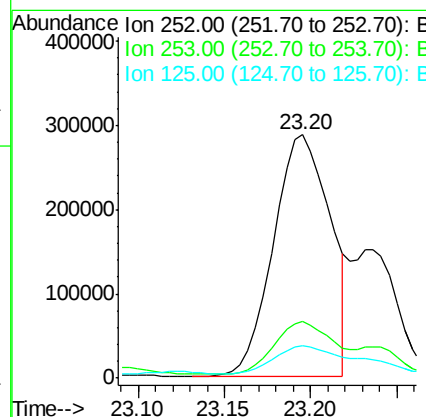
RT: 23.20 min Scan# 3600

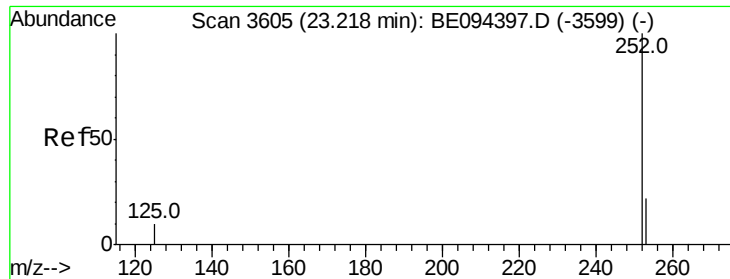
Delta R.T. 0.03 min

Lab File: BE094402.D

Acq: 15 Oct 2017 20:35

Tgt Ion:252	Resp:	653075
Ion Ratio	Lower	Upper
252 100		
253 23.3	0.0	64.2
125 13.1	0.0	35.0





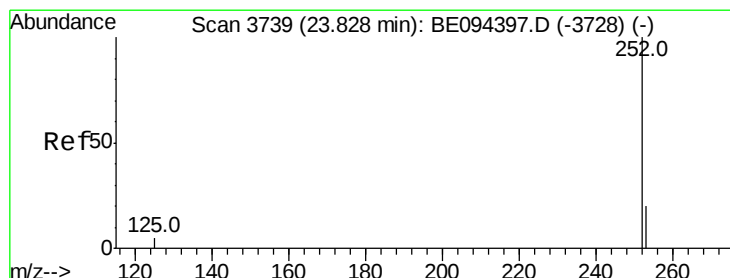
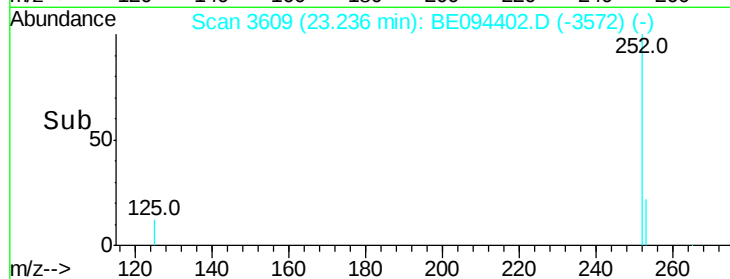
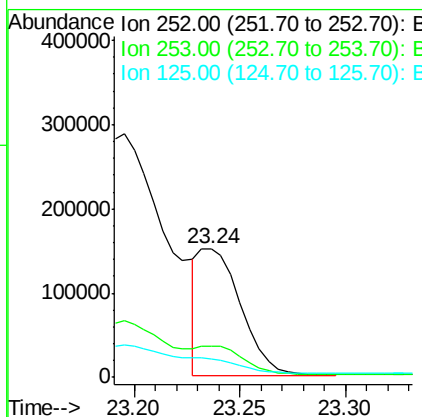
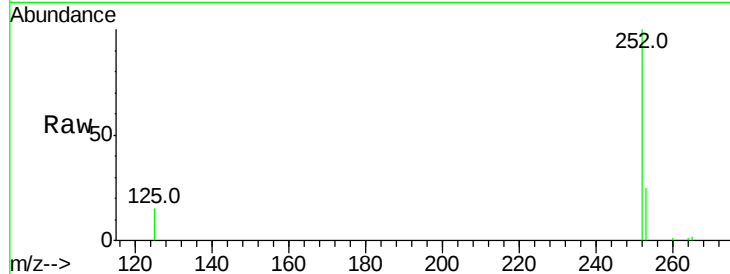
#22
Benzo(k)fluoranthene
Concen: 5.779 ng/ul m
RT: 23.24 min Scan# 3609
Delta R.T. 0.02 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :
C0AC9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	24.5	36.7
125	14.6	13.7	20.5

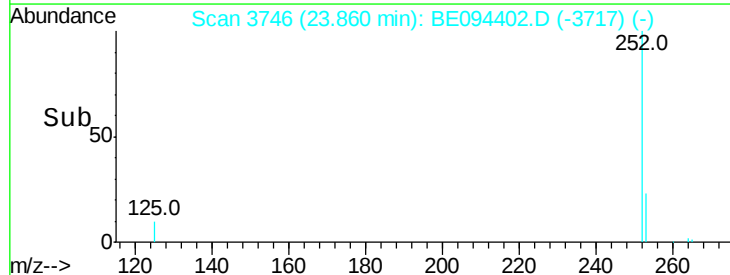
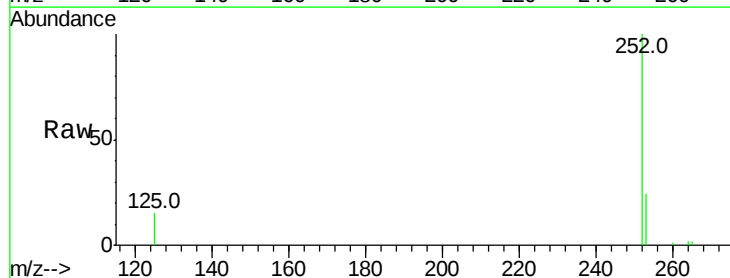
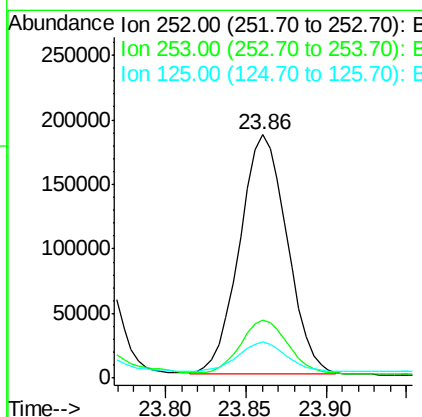
Manual Integrations
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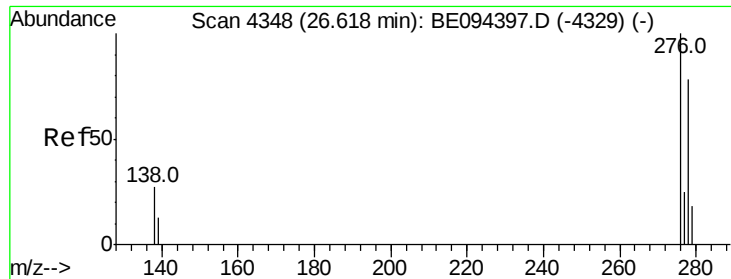
Sohil
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#23
Benzo(a)pyrene
Concen: 11.523 ng/ul m
RT: 23.86 min Scan# 3746
Delta R.T. 0.03 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	14.7	18.1	27.1#





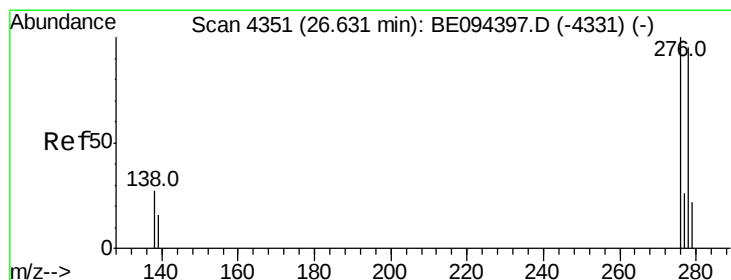
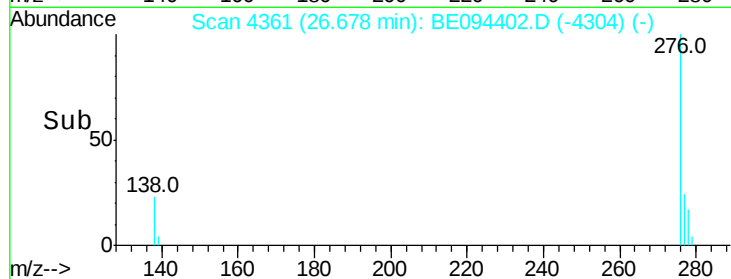
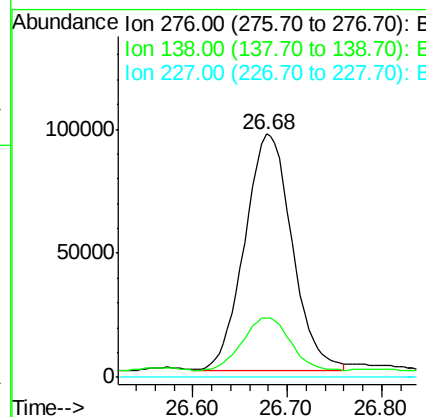
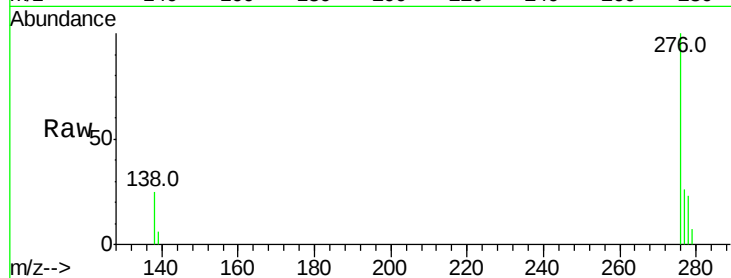
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.766 ng/ul m
 RT: 26.68 min Scan# 4361
 Delta R.T. 0.06 min
 Lab File: BE094402.D
 Acq: 15 Oct 2017 20:35

Instrument :
 BNA_E
 ClientSampled :
 C0AC9

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

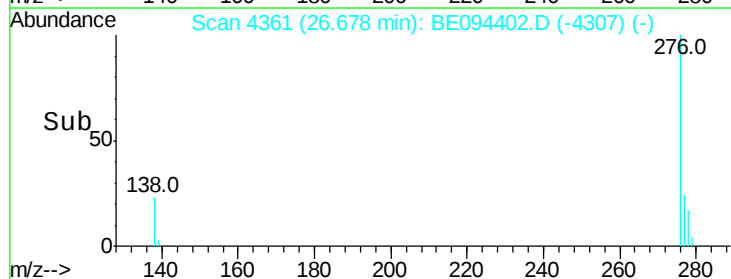
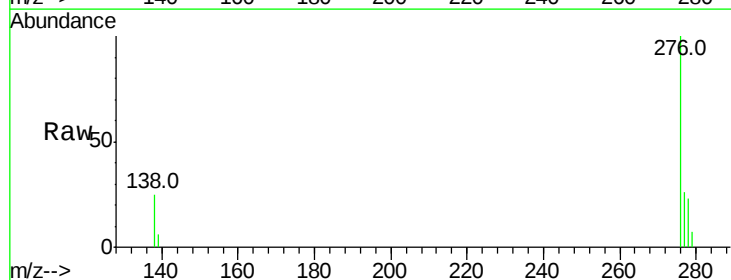
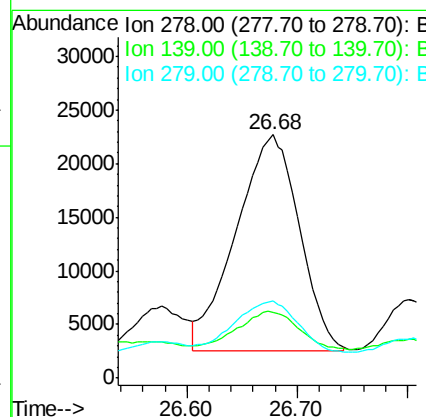
Manual Integrations
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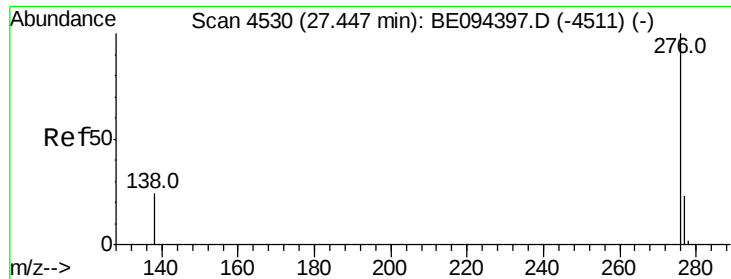
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#25
 Dibenzo(a,h)anthracene
 Concen: 2.841 ng/ul m
 RT: 26.68 min Scan# 4361
 Delta R.T. 0.05 min
 Lab File: BE094402.D
 Acq: 15 Oct 2017 20:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.2	17.4	26.0#
279	31.9	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 9.886 ng/ul m
 RT: 27.53 min Scan# 4548
 Delta R.T. 0.08 min
 Lab File: BE094402.D
 Acq: 15 Oct 2017 20:35

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.5	21.8	32.8
277	26.2	20.5	30.7

Manual Integrations
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Sohil
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