

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094407.D
 Acq On : 15 Oct 2017 23:40
 Operator : SJ/JU
 Sample : I5548-20DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1DL

Manual Integrations
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 10/16/2017 8:26:47 PM

Quant Time: Oct 16 08:25:13 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	7.92	152	2094	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11182	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	6101	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.27	188	13014	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	12376	0.40	ng/ul	0.01
20) Perylene-d12	23.98	264	12357	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	714	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.29	212	1600	0.04	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	2535	0.093	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	1478	0.083	ng/ul	98
7) Acenaphthylene	14.26	152	3609	0.152	ng/ul	96
8) Acenaphthene	14.60	153	3614	0.185	ng/ul	99
9) Fluorene	15.58	166	4148	0.181	ng/ul	92
12) Phenanthrene	17.31	178	113501	3.337	ng/ul#	91
13) Anthracene	17.39	178	33478	1.012	ng/ul#	90
15) Fluoranthene	19.33	202	379455	8.492	ng/ul	84
17) Pyrene	19.69	202	378814	11.001	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	208690	6.356	ng/ul#	87
19) Chrysene	21.48	228	185718	4.898	ng/ul	97
21) Benzo(b)fluoranthene	23.20	252	238866m	7.116	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	77799m	2.005	ng/ul	
23) Benzo(a)pyrene	23.86	252	178633	5.121	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	107400	3.010	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.68	278	26844	0.897	ng/ul#	78
26) Benzo(a,h,i)perylene	27.52	276	83096	2.700	ng/ul	95

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

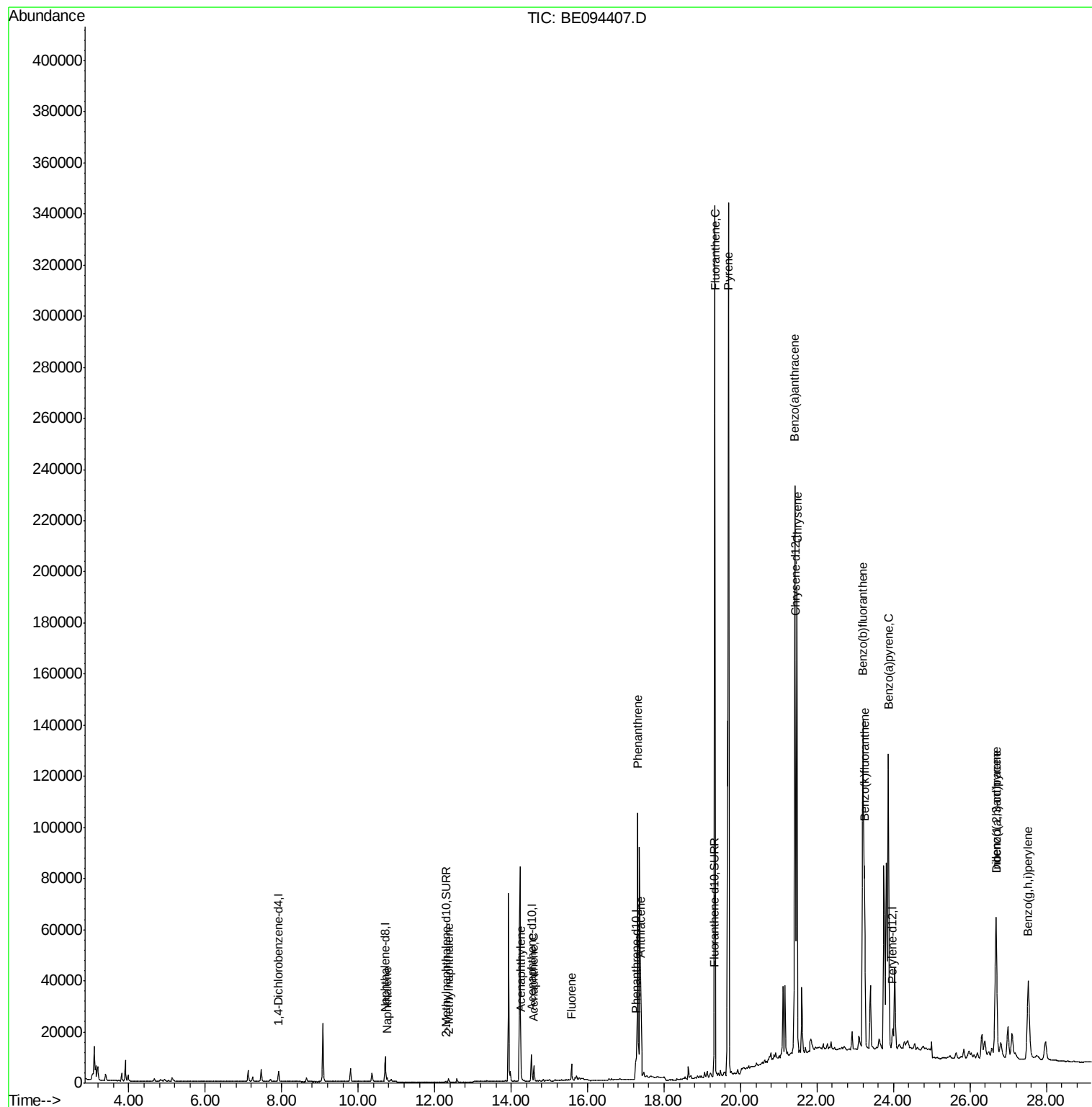
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094407.D
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ALS Vial : 53 Sample Multiplier: 1

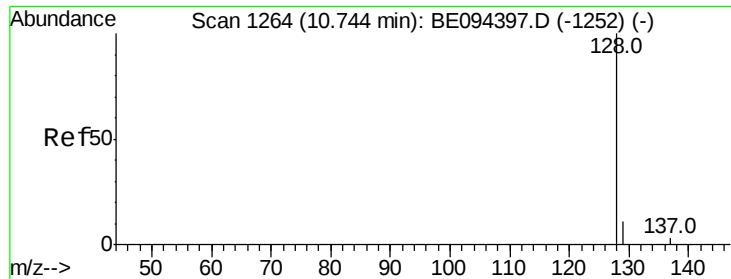
Instrument :
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C0AD1DL

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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: 0.093 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

Instrument :

BNA_E

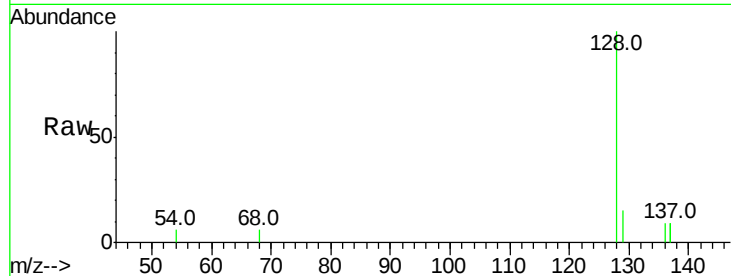
ClientSampleId :

C0AD1DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.4	11.3	16.9
127	0.0	4.0	6.0

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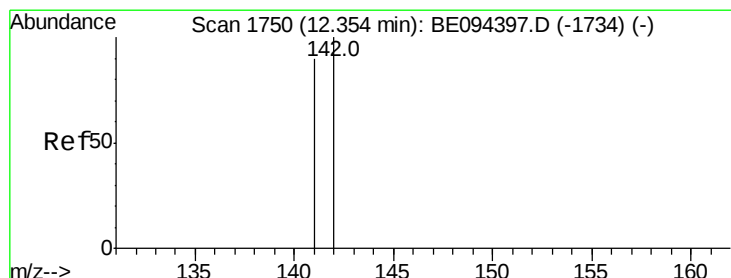
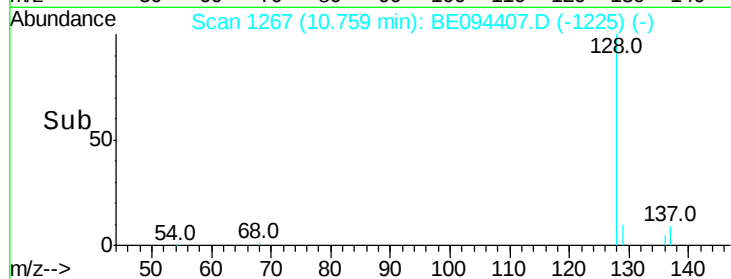
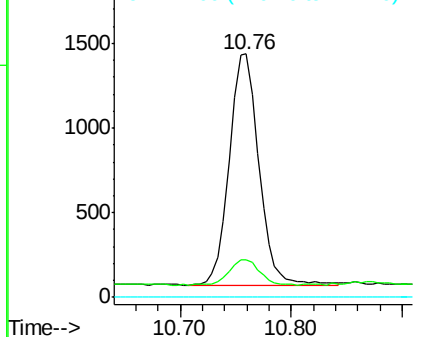


Abundance

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: 0.083 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BE094407.D

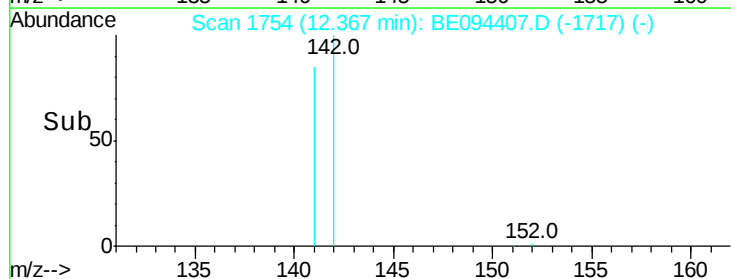
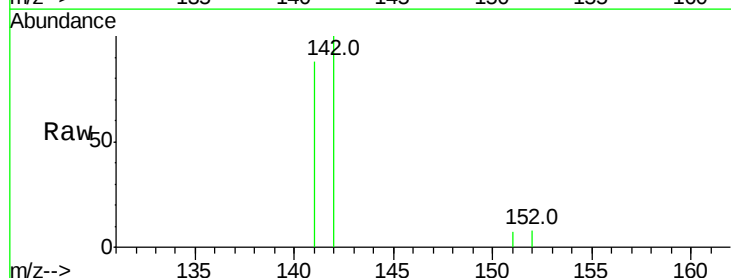
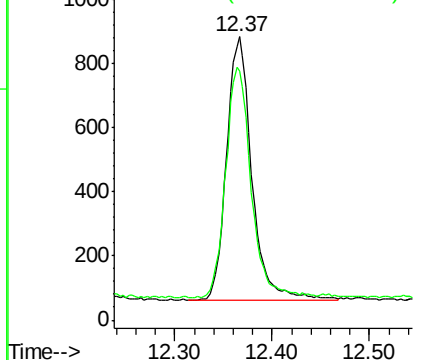
Acq: 15 Oct 2017 23:40

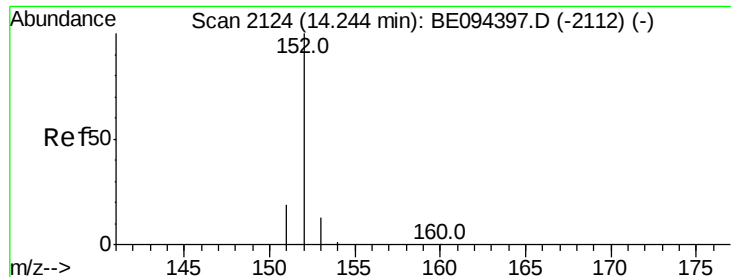
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.152 ng/ul

RT: 14.26 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

Instrument :

BNA_E

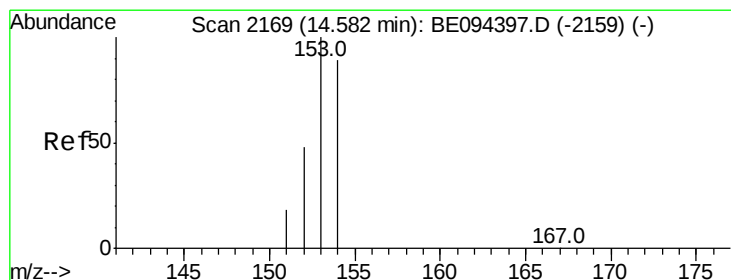
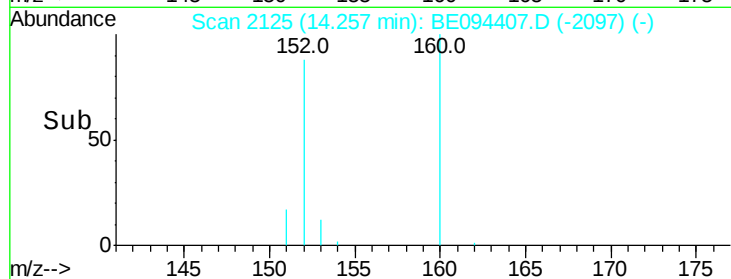
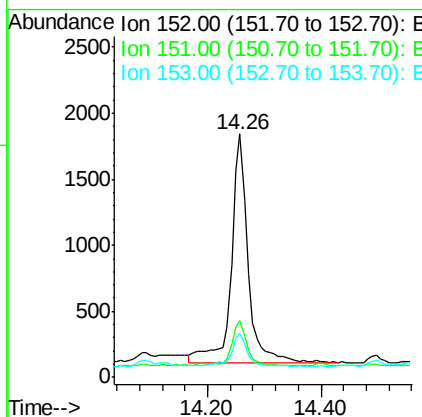
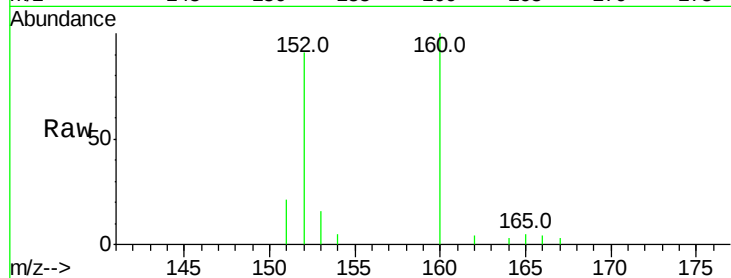
ClientSampleID :

C0AD1DL

Tot Ion:	152	Resp:	3609
Ion Ratio	Lower	Upper	
152	100		
151	23.2	17.1	25.7
153	18.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.185 ng/ul

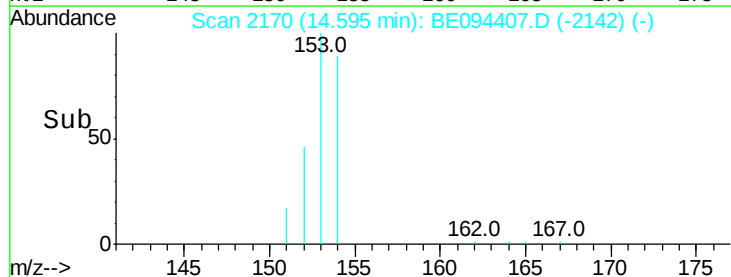
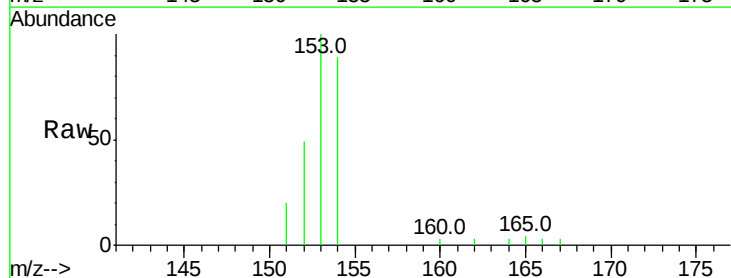
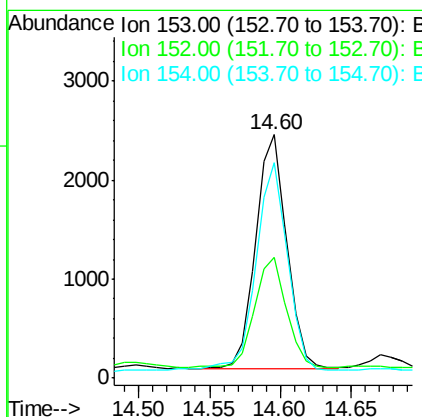
RT: 14.60 min Scan# 2170

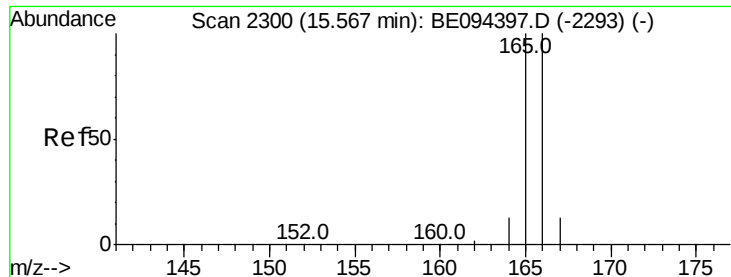
Delta R.T. 0.01 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

Tgt Ion:	153	Resp:	3614
Ion Ratio	Lower	Upper	
153	100		
152	49.5	40.3	60.5
154	88.6	71.4	107.2





#9

Fluorene

Concen: 0.181 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

Instrument :

BNA_E

ClientSampleId :

C0AD1DL

Tot Ion:166 Resp: 4148

Ion Ratio Lower Upper

166 100

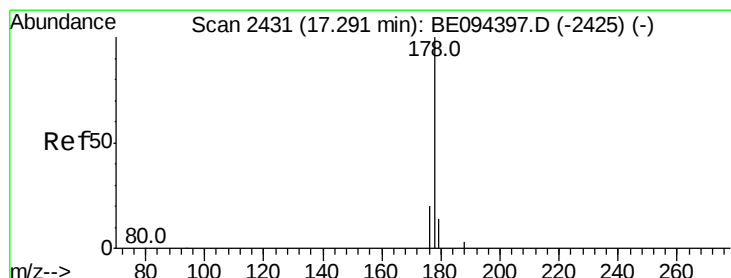
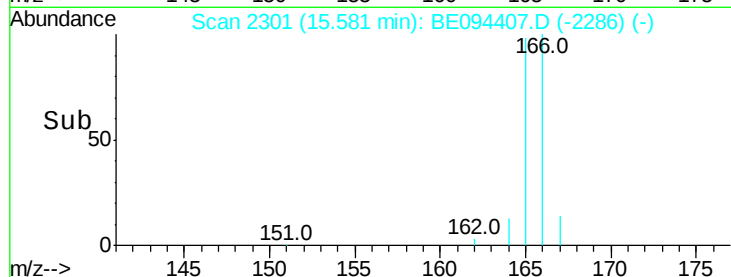
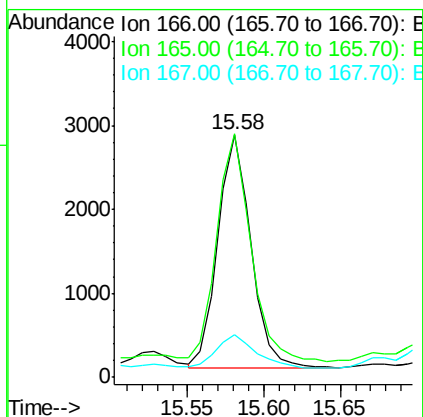
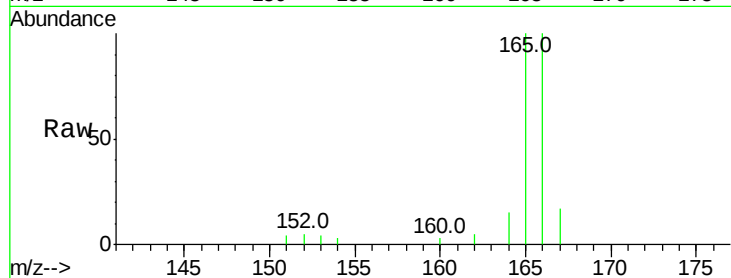
165 100.4 73.4 110.2

167 17.5 14.6 22.0

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#12

Phenanthrene

Concen: 3.337 ng/ul

RT: 17.31 min Scan# 2431

Delta R.T. 0.02 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

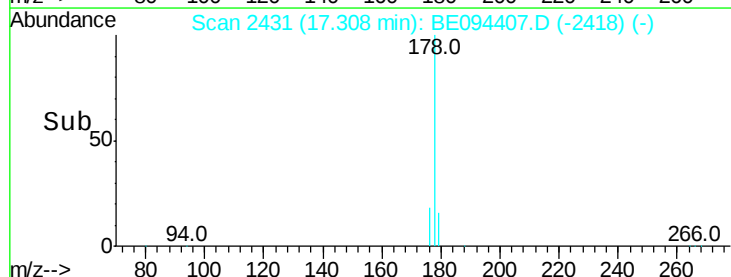
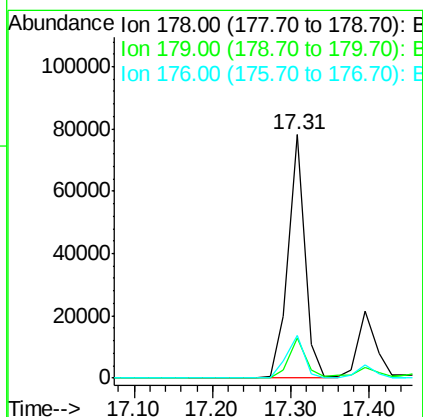
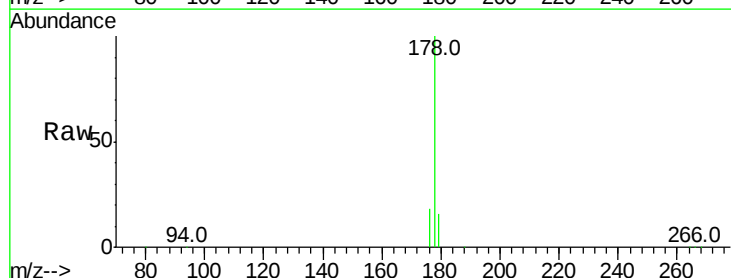
Tgt Ion:178 Resp: 113501

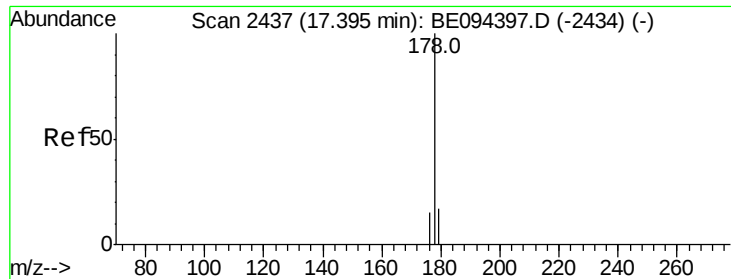
Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 17.7 13.6 20.4





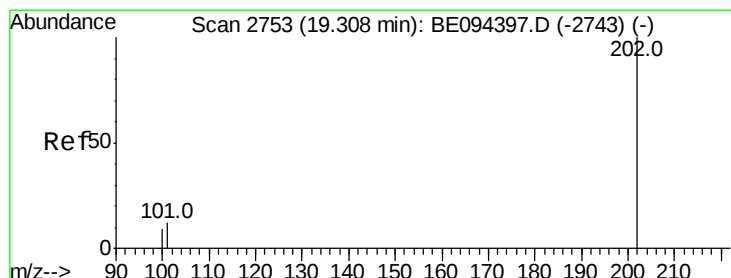
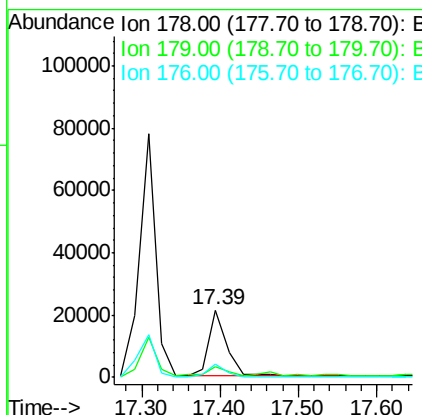
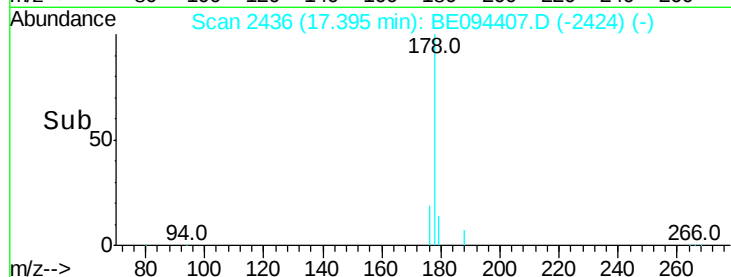
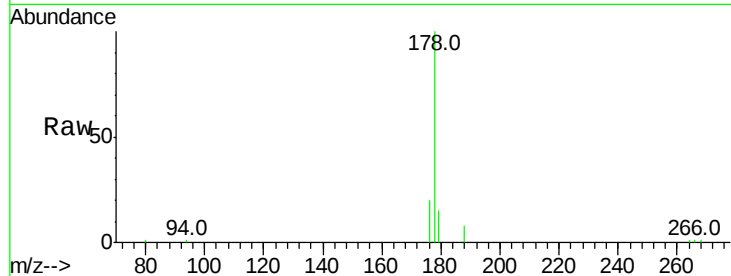
#13
 Anthracene
 Concen: 1.012 ng/ul
 RT: 17.39 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE094407.D
 Acq: 15 Oct 2017 23:40

Instrument :
 BNA_E
 ClientSampled :
 C0AD1DL

Tot Ion:178 Resp: 33478
 Ion Ratio Lower Upper
 178 100
 179 15.5 18.1 27.1#
 176 19.9 14.7 22.1

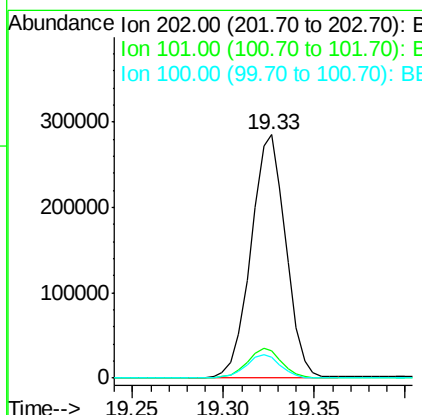
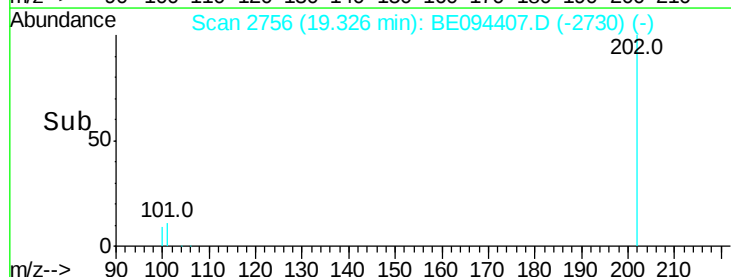
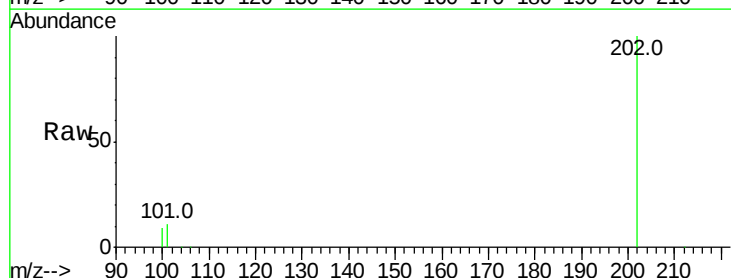
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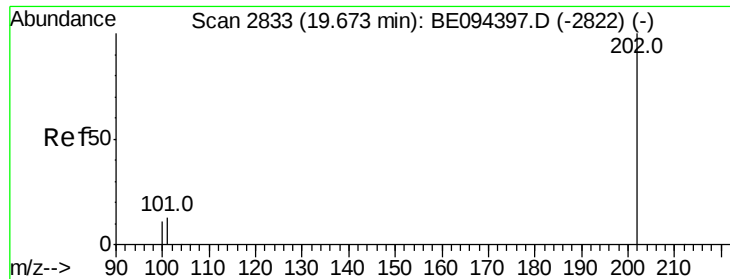
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#15
 Fluoranthene
 Concen: 8.492 ng/ul
 RT: 19.33 min Scan# 2756
 Delta R.T. 0.02 min
 Lab File: BE094407.D
 Acq: 15 Oct 2017 23:40

Tgt Ion:202 Resp: 379455
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 30.3
 100 8.8 0.0 39.5





#17

Pvrene

Concen: 11.001 ng/ul

RT: 19.69 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

Instrument :

BNA_E

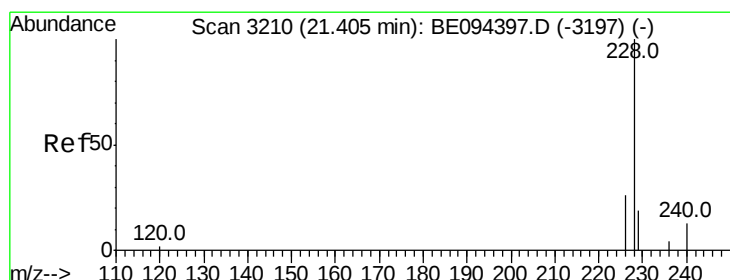
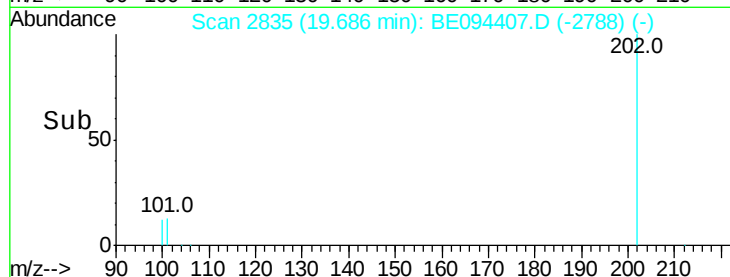
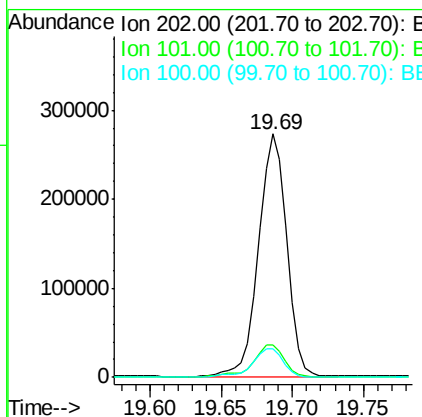
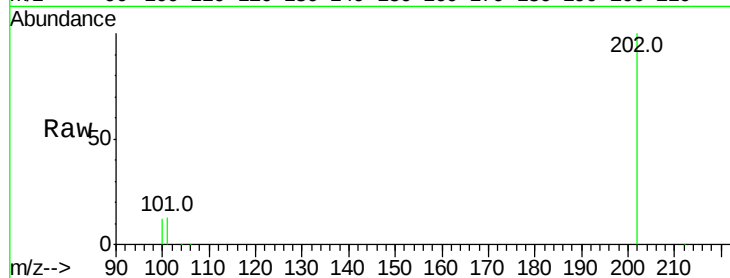
ClientSampleId :

C0AD1DL

Tot Ion:	202	Resp:	378814
Ion Ratio	Lower	Upper	
202	100		
101	13.5	18.2	27.4#
100	11.6	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 6.356 ng/ul

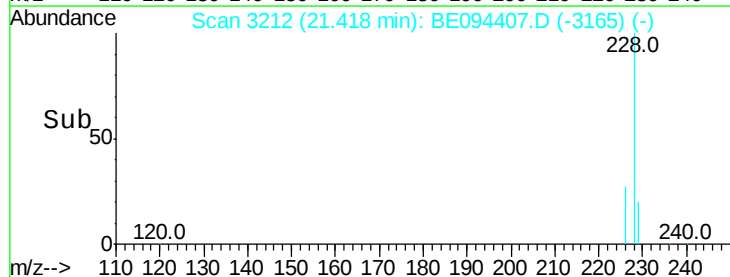
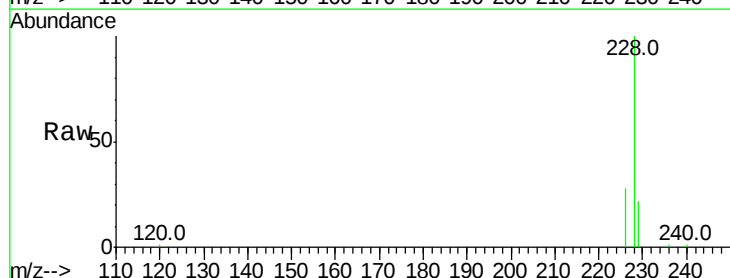
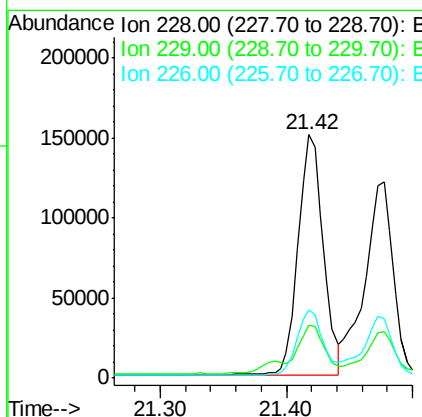
RT: 21.42 min Scan# 3212

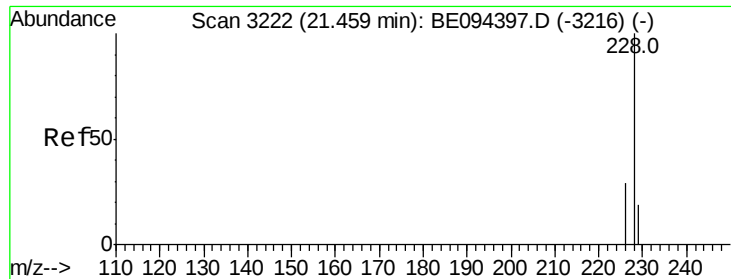
Delta R.T. 0.01 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

Tgt Ion:	228	Resp:	208690
Ion Ratio	Lower	Upper	
228	100		
229	21.8	22.8	34.2#
226	28.0	17.0	25.6#





#19

Chrysene

Concen: 4.898 ng/ul

RT: 21.48 min Scan# 3225

Delta R.T. 0.02 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

Instrument :

BNA_E

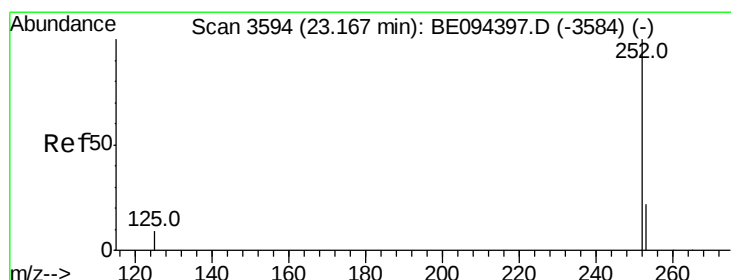
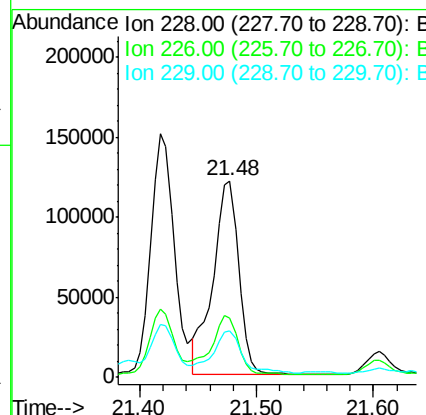
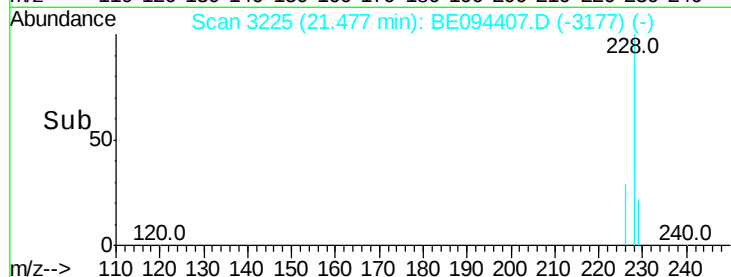
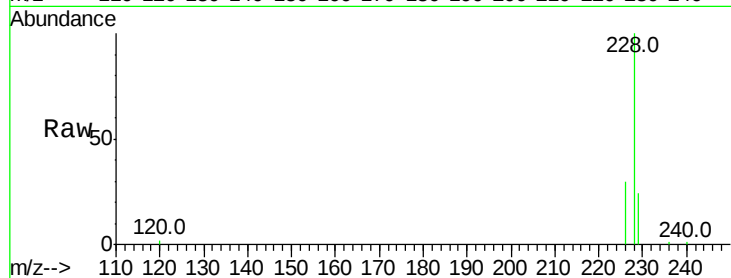
ClientSampleId :

C0AD1DL

Tot Ion:228	Resp:	185718
Ion Ratio	Lower	Upper
228 100		
226 30.2	23.4	35.0
229 23.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 7.116 ng/ul m

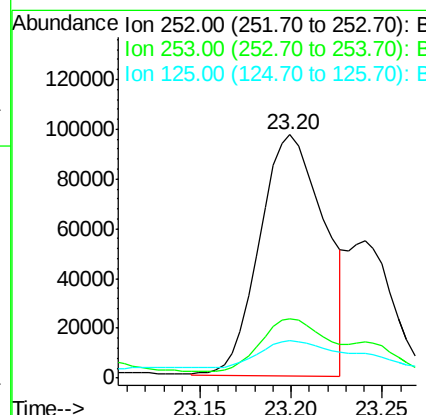
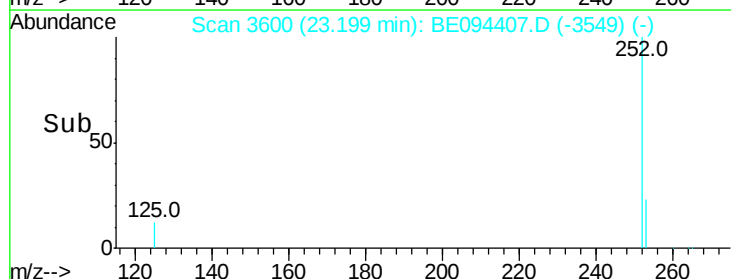
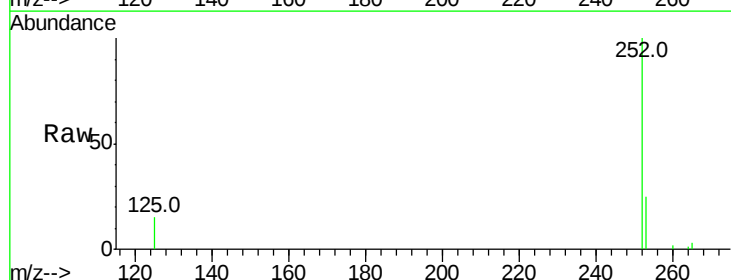
RT: 23.20 min Scan# 3600

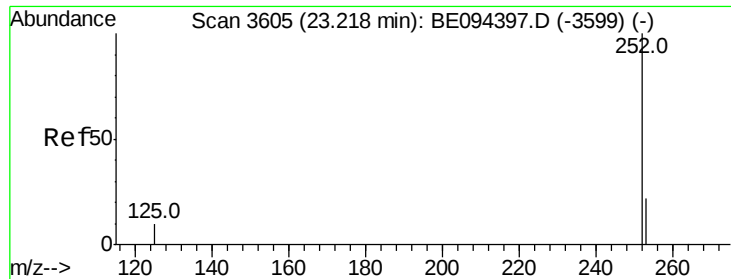
Delta R.T. 0.03 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

Tgt Ion:252	Resp:	238866
Ion Ratio	Lower	Upper
252 100		
253 24.6	0.0	64.2
125 15.3	0.0	35.0





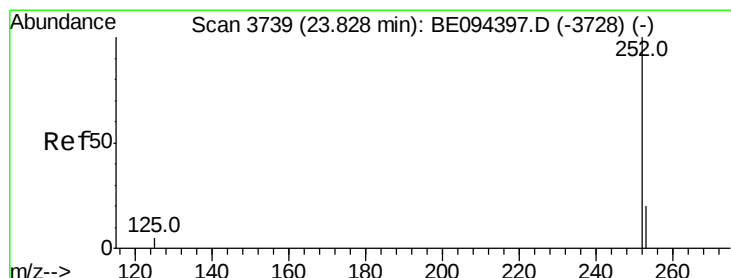
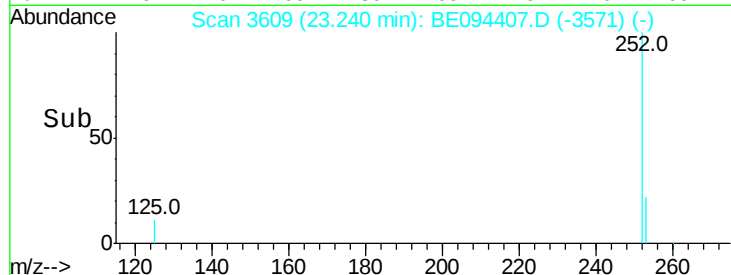
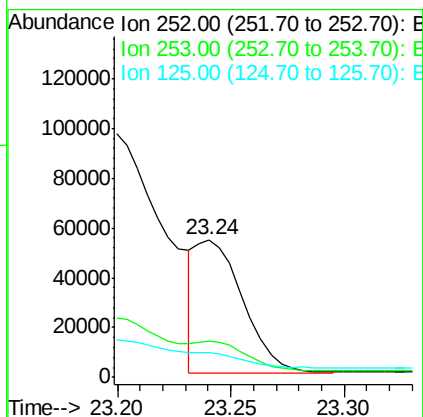
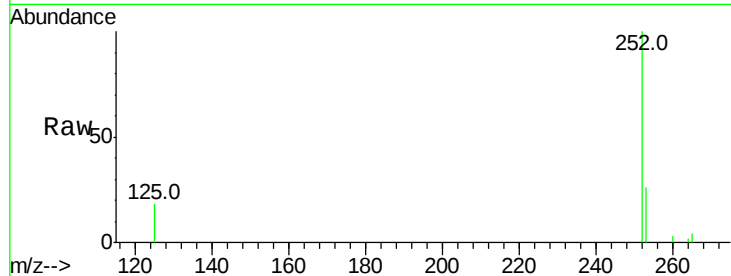
#22
Benzo(k)fluoranthene
Concen: 2.005 ng/ul m
RT: 23.24 min Scan# 3609
Delta R.T. 0.02 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :
C0AD1DL

Tot Ion:252 Resp: 77799
Ion Ratio Lower Upper
252 100
253 26.2 24.5 36.7
125 17.7 13.7 20.5

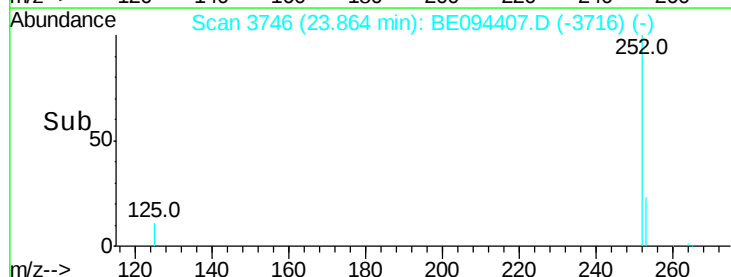
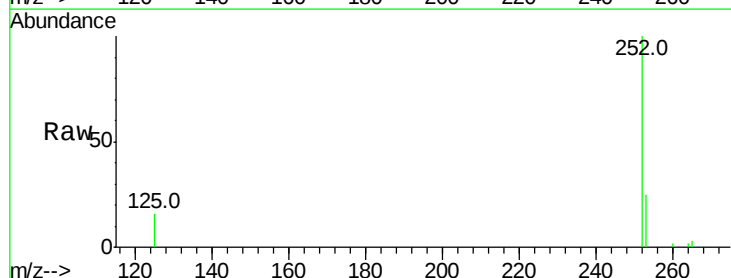
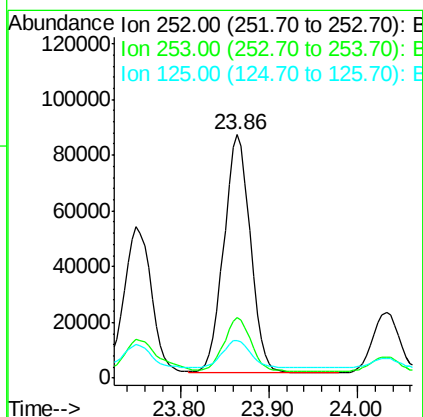
Manual Integrations
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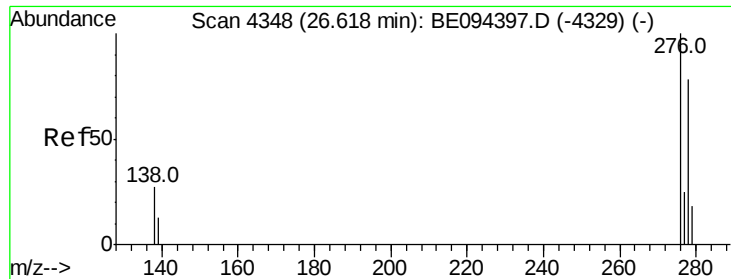
Sohil
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#23
Benzo(a)pyrene
Concen: 5.121 ng/ul
RT: 23.86 min Scan# 3746
Delta R.T. 0.04 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:252 Resp: 178633
Ion Ratio Lower Upper
252 100
253 24.7 28.5 42.7#
125 15.6 18.1 27.1#





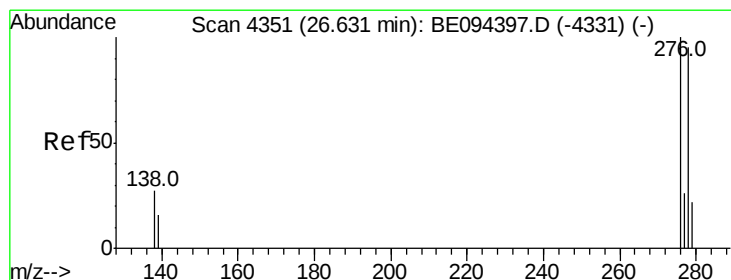
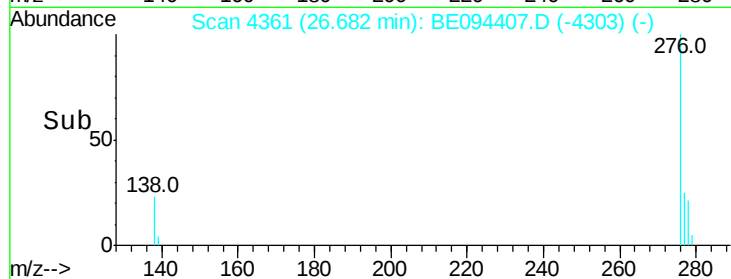
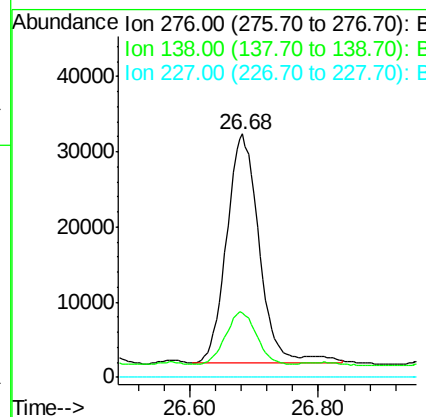
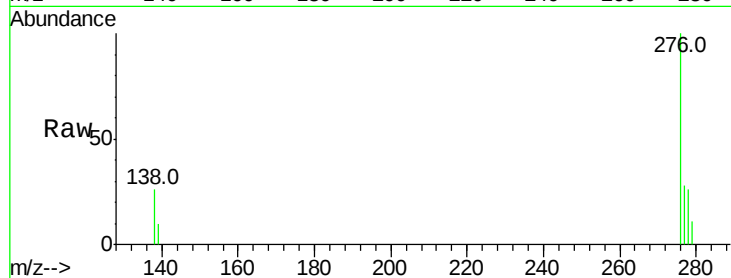
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.010 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. 0.06 min
 Lab File: BE094407.D
 Acq: 15 Oct 2017 23:40

Instrument :
 BNA_E
 ClientSampleId :
 C0AD1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	28.0	42.0#
227	0.0	8.0	12.0#

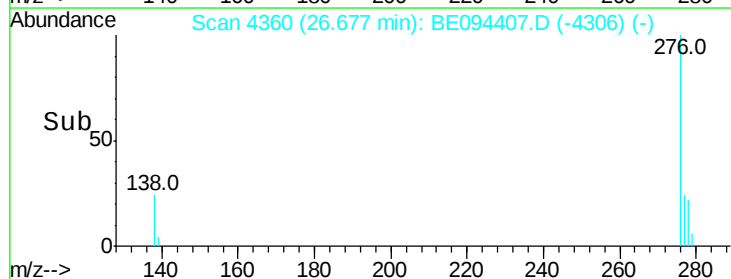
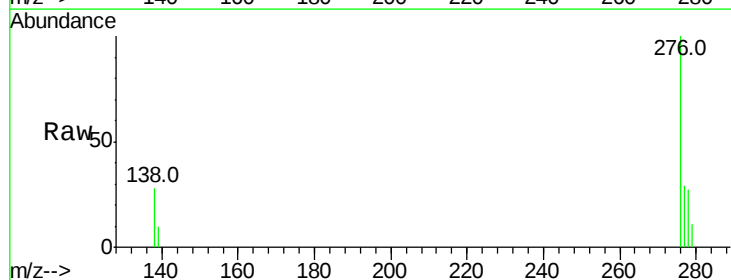
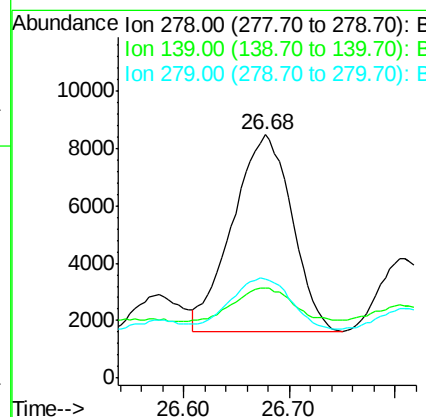
Manual Integrations
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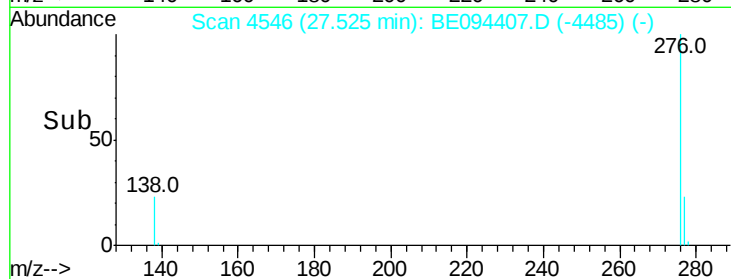
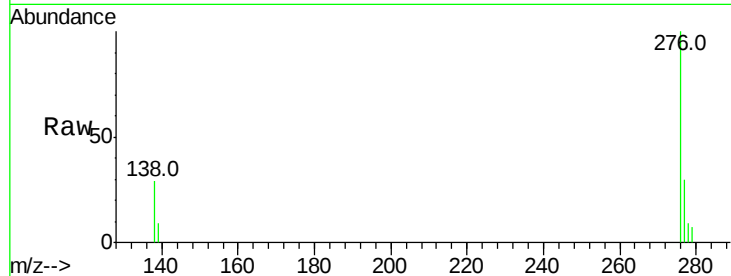
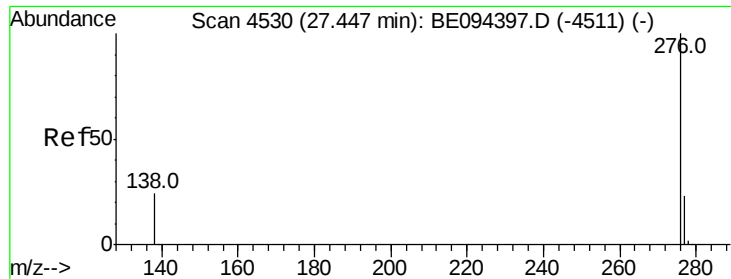
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.897 ng/ul
 RT: 26.68 min Scan# 4360
 Delta R.T. 0.05 min
 Lab File: BE094407.D
 Acq: 15 Oct 2017 23:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.2	17.4	26.0#
279	40.9	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 2.700 ng/ul

RT: 27.52 min Scan# 4546

Delta R.T. 0.08 min

Lab File: BE094407.D

Acq: 15 Oct 2017 23:40

Instrument :

BNA_E

ClientSampleId :

C0AD1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	21.8	32.8
277	29.8	20.5	30.7

Manual Integrations
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Sohil
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