

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094258.D
 Acq On : 10 Oct 2017 19:27
 Operator : SJ/JU
 Sample : I5522-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:19:53 PM

Quant Time: Oct 11 07:40:31 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 07:23:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9154	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5215	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11221	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11552	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12688	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	5034	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	12704	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2408	0.107	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	778	0.053	ng/ul	98
7) Acenaphthylene	14.24	152	1173	0.058	ng/ul#	88
8) Acenaphthene	14.57	153	2621	0.157	ng/ul	99
9) Fluorene	15.56	166	2746	0.140	ng/ul	94
12) Phenanthrene	17.27	178	59559	2.031	ng/ul#	83
13) Anthracene	17.38	178	13338	0.468	ng/ul#	92
15) Fluoranthene	19.30	202	108332	2.812	ng/ul	84
17) Pyrene	19.66	202	94213	2.931	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	51716	1.688	ng/ul#	87
19) Chrysene	21.44	228	48878	1.381	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	55803m	1.619	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	21403m	0.537	ng/ul	
23) Benzo(a)pyrene	23.80	252	42962	1.200	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.57	276	25570	0.698	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	6770	0.220	ng/ul#	94
26) Benzo(a,h,i)perylene	27.39	276	18009	0.570	ng/ul	98

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

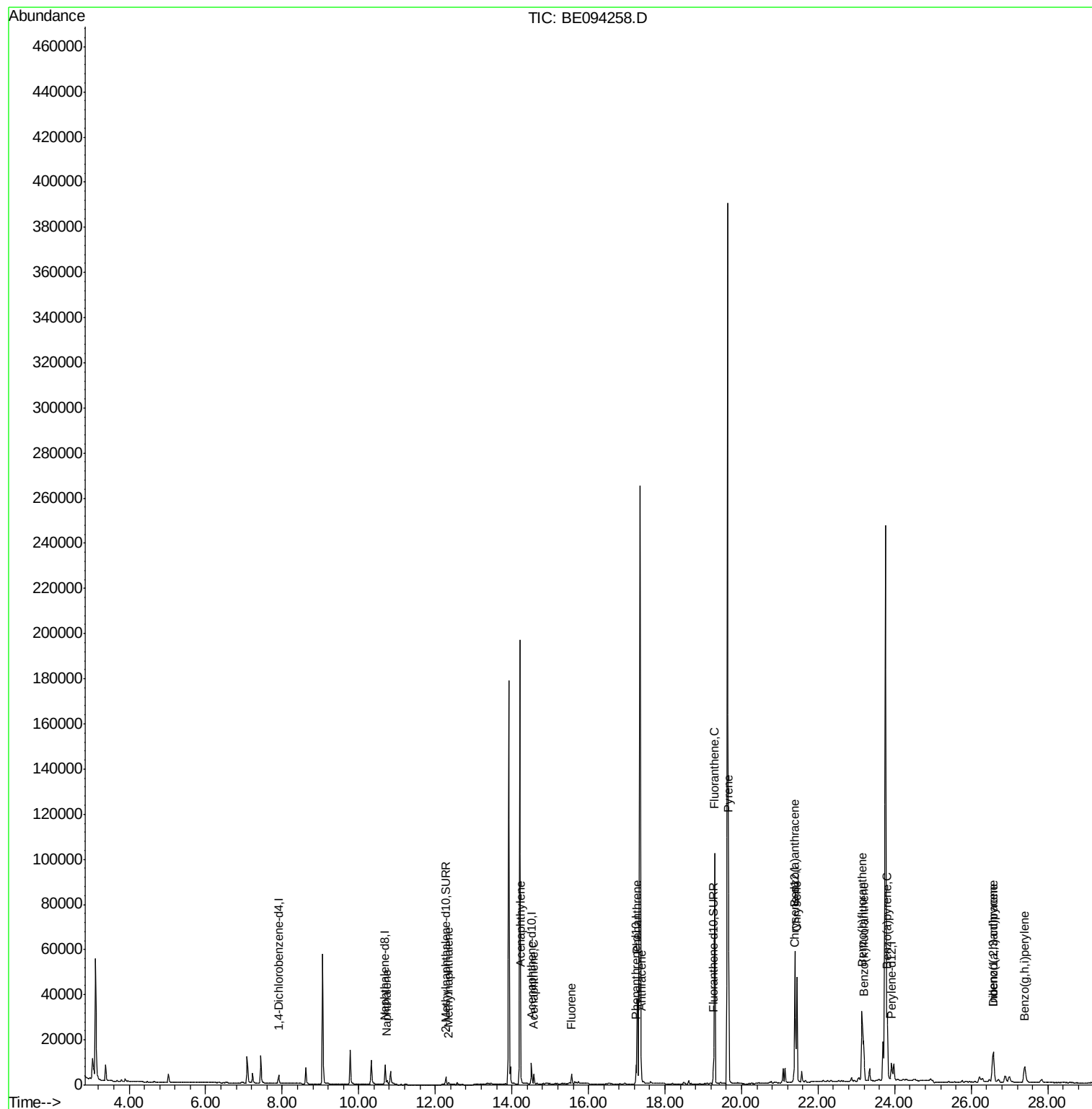
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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ALS Vial : 10 Sample Multiplier: 1

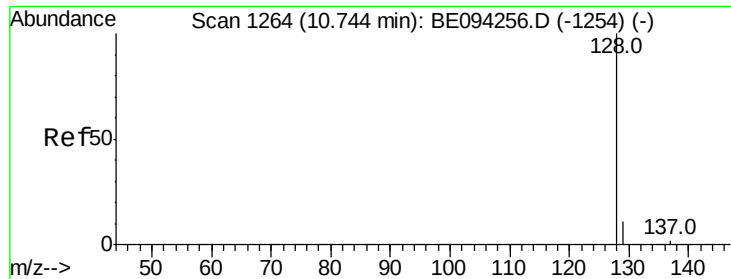
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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#3

Naphthalene

Concen: 0.107 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Instrument :

BNA_E

ClientSampleId :

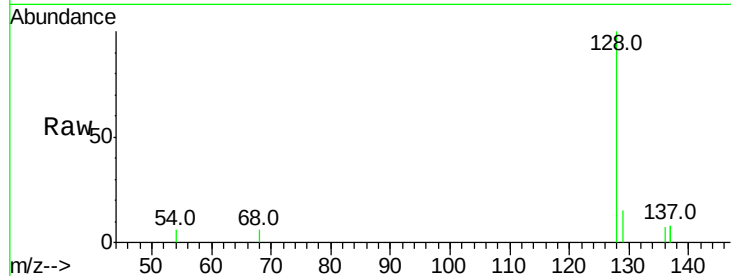
C0AC4

Tot Ion:128 Resp: 2408

Ion	Ratio	Lower	Upper
128	100		
129	15.3	11.3	16.9
127	0.0	4.0	6.0#

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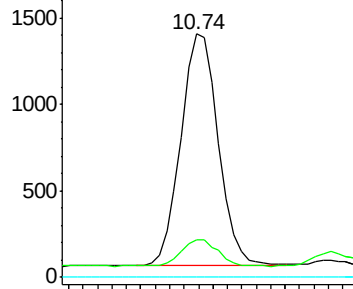
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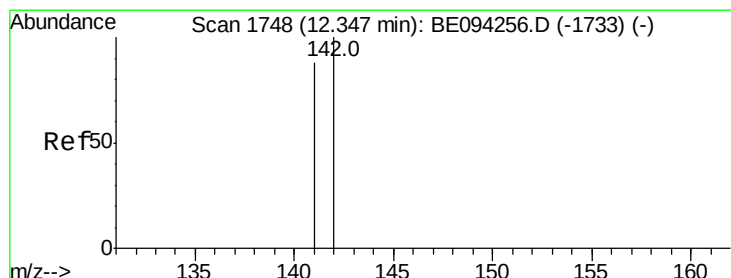
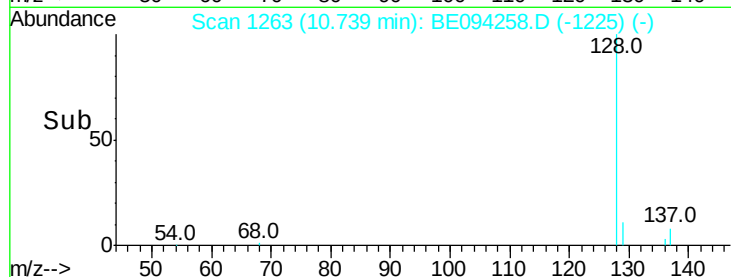
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

RT: 12.35 min Scan# 1749

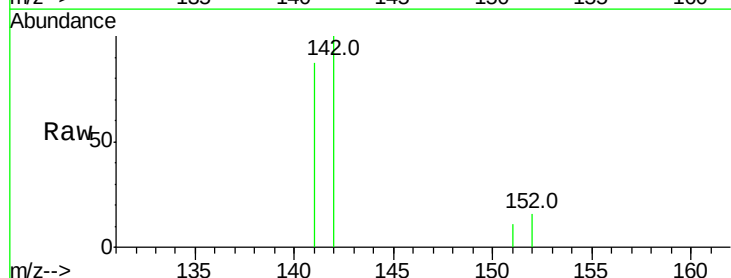
Delta R.T. 0.00 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

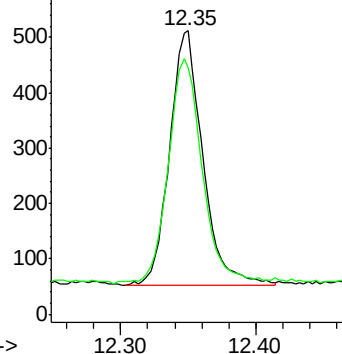
Tgt Ion:142 Resp: 778

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.6	108.8

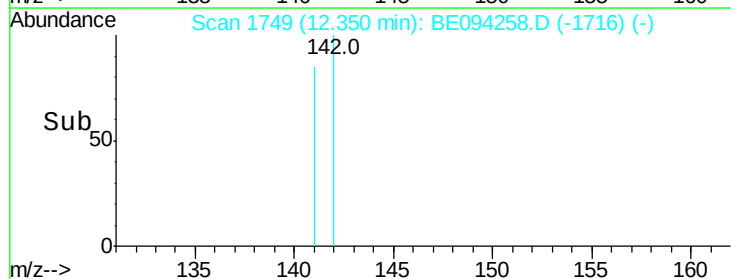


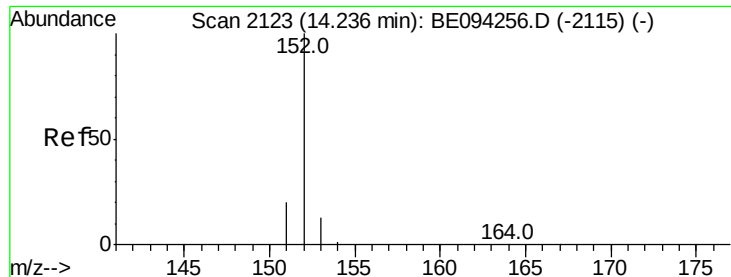
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Instrument :

BNA_E

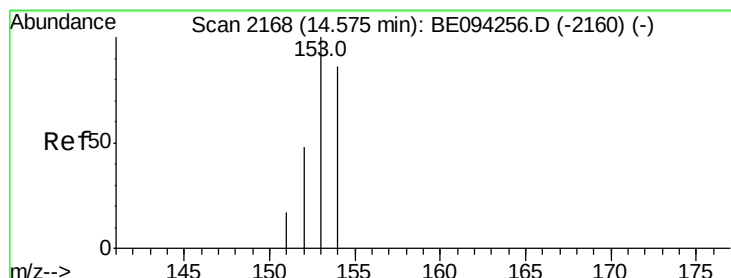
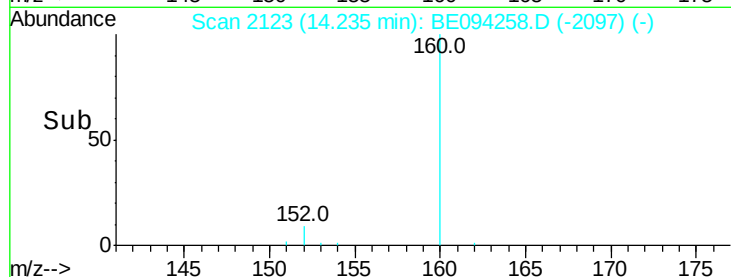
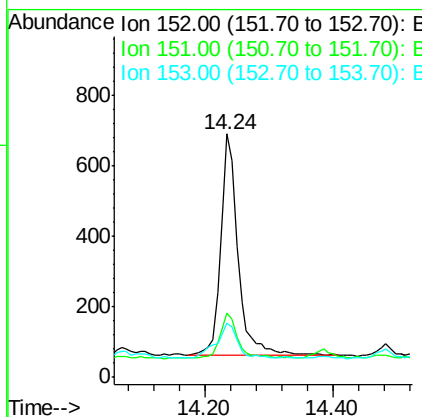
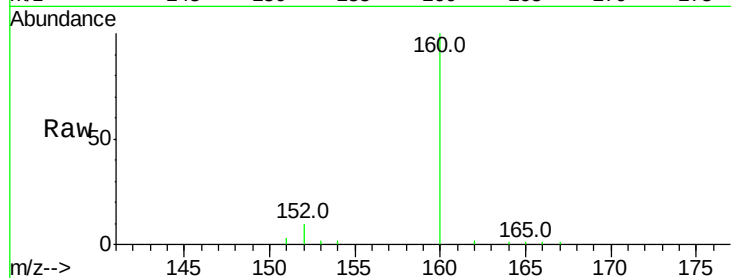
ClientSampled :

C0AC4

Tot Ion:	152	Resp:	1173
Ion Ratio	Lower	Upper	
152	100		
151	26.7	17.1	25.7#
153	22.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.157 ng/ul

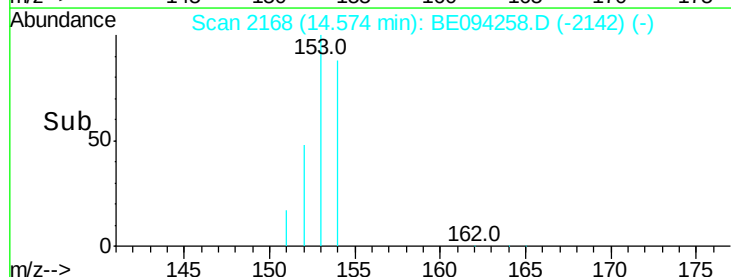
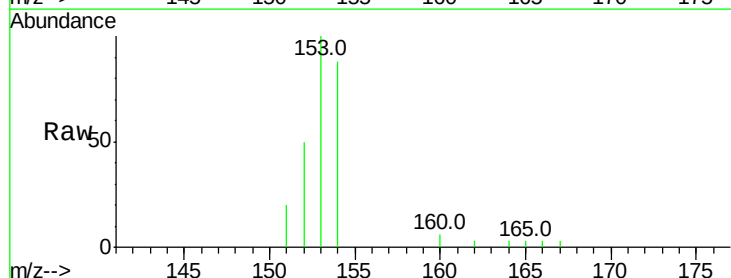
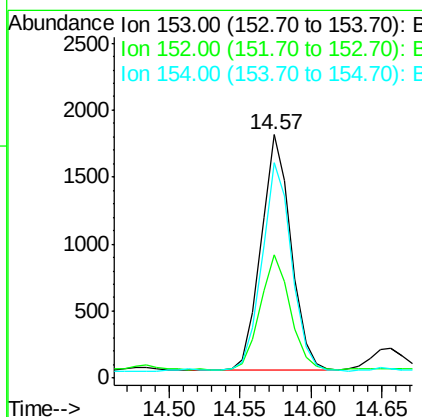
RT: 14.57 min Scan# 2168

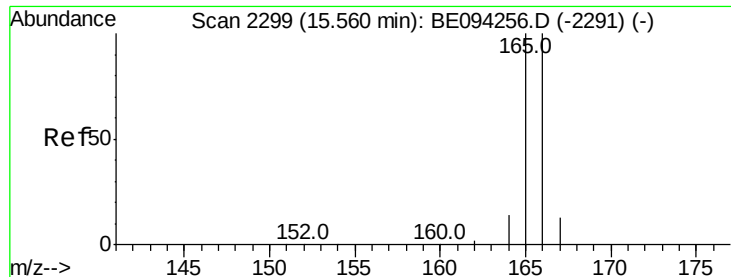
Delta R.T. -0.00 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Tgt Ion:	153	Resp:	2621
Ion Ratio	Lower	Upper	
153	100		
152	50.4	40.3	60.5
154	88.4	71.4	107.2





#9

Fluorene

Concen: 0.140 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Instrument :

BNA_E

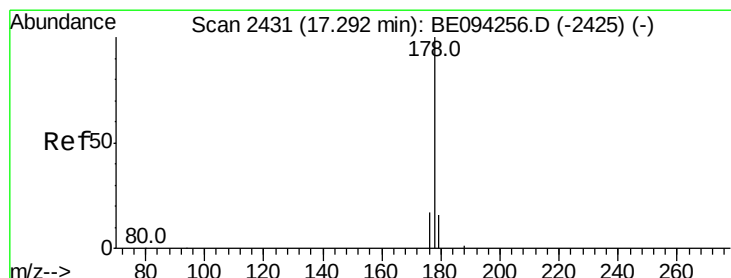
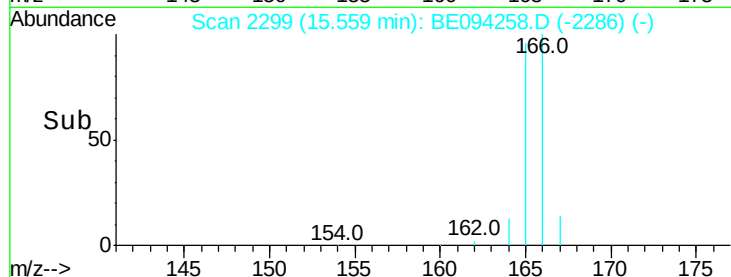
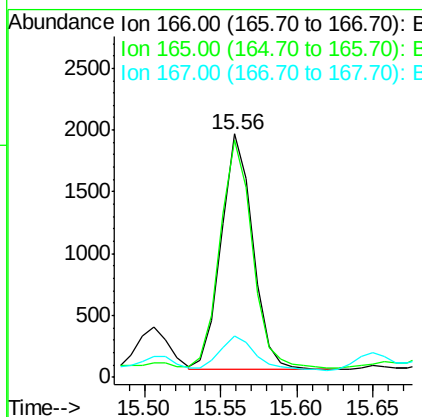
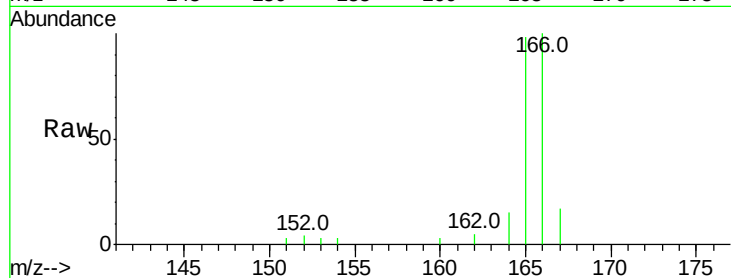
ClientSampleId :

C0AC4

Tot Ion:	166	Resp:	2746
Ion Ratio	Lower	Upper	
166	100		
165	97.6	73.4	110.2
167	16.8	14.6	22.0

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#12

Phenanthrene

Concen: 2.031 ng/ul

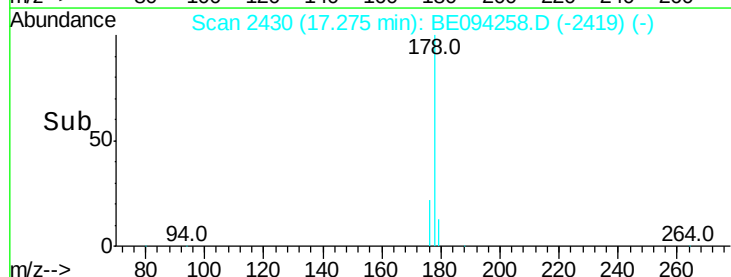
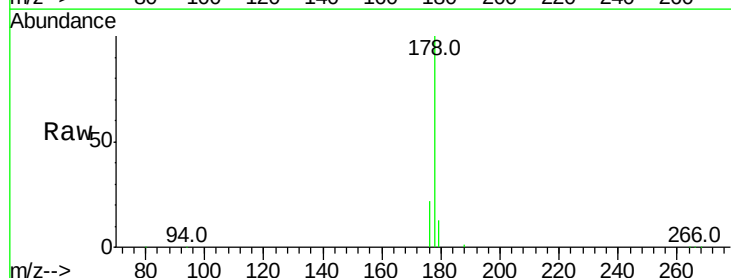
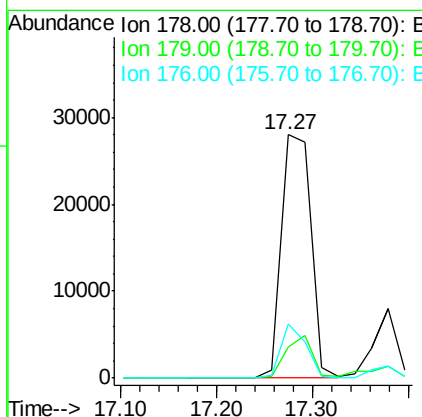
RT: 17.27 min Scan# 2430

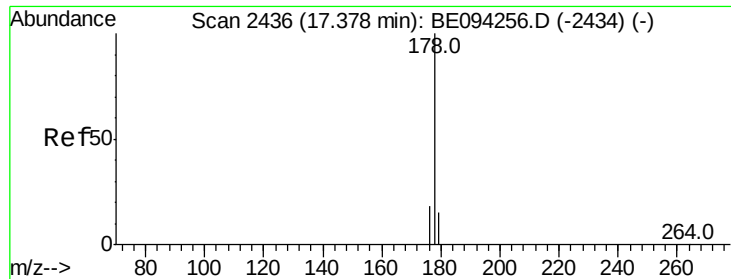
Delta R.T. -0.02 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Tgt Ion:	178	Resp:	59559
Ion Ratio	Lower	Upper	
178	100		
179	13.0	18.4	27.6#
176	22.5	13.6	20.4#





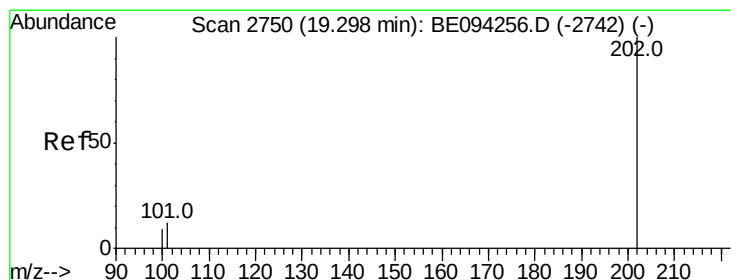
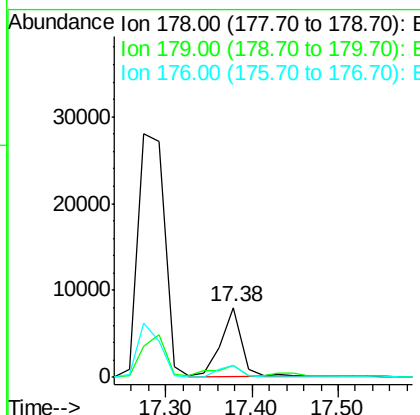
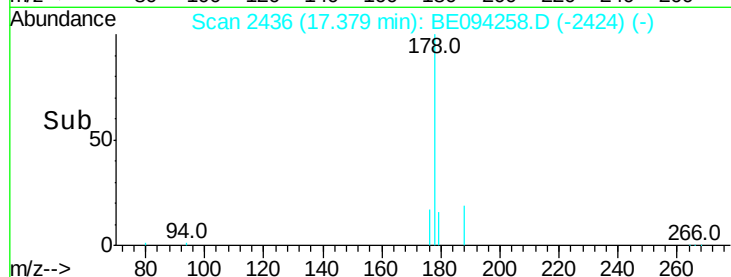
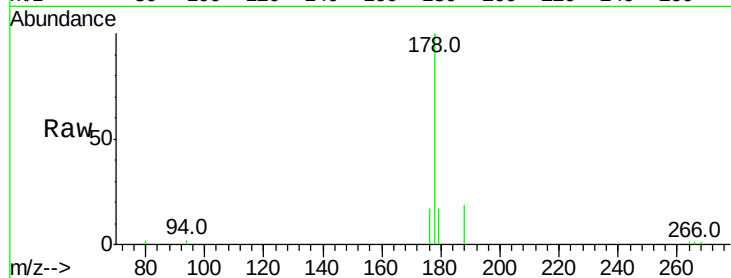
#13
 Anthracene
 Concen: 0.468 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE094258.D
 Acq: 10 Oct 2017 19:27

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion:178 Resp: 13338
 Ion Ratio Lower Upper
 178 100
 179 17.0 18.1 27.1#
 176 17.2 14.7 22.1

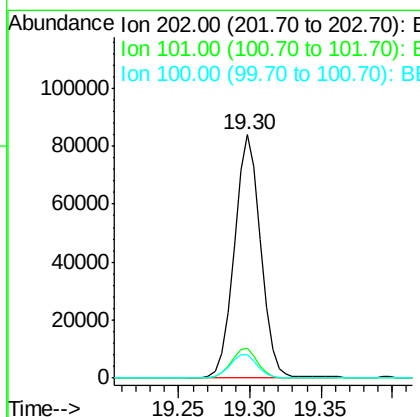
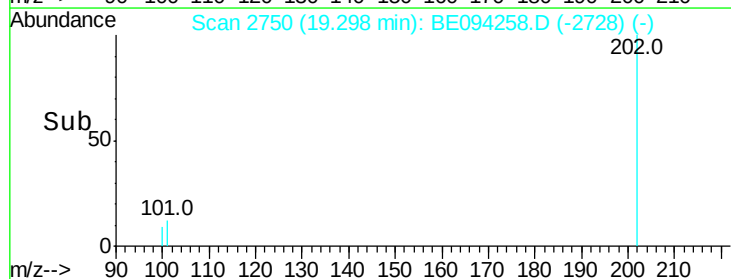
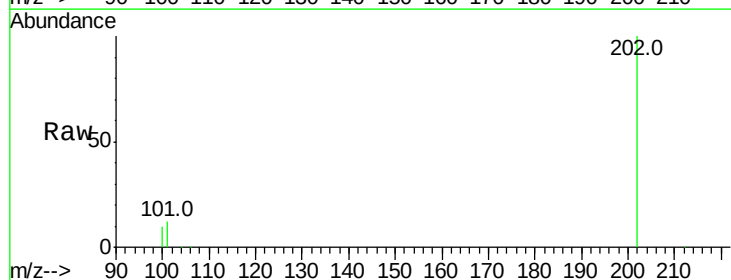
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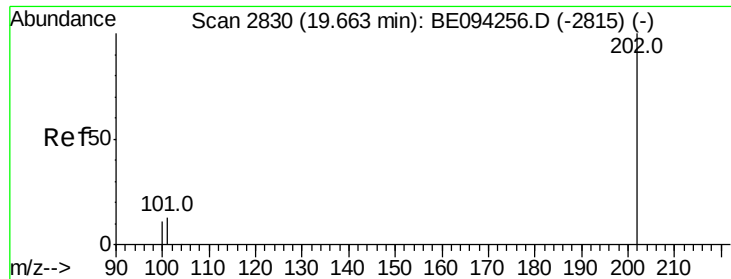
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#15
 Fluoranthene
 Concen: 2.812 ng/ul
 RT: 19.30 min Scan# 2750
 Delta R.T. -0.00 min
 Lab File: BE094258.D
 Acq: 10 Oct 2017 19:27

Tgt Ion:202 Resp: 108332
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 30.3
 100 9.6 0.0 39.5





#17

Pvrene

Concen: 2.931 ng/ul

RT: 19.66 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Instrument :

BNA_E

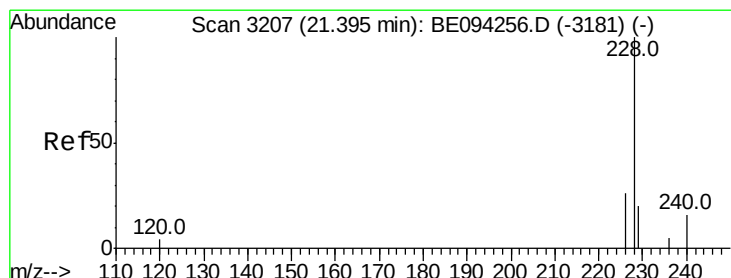
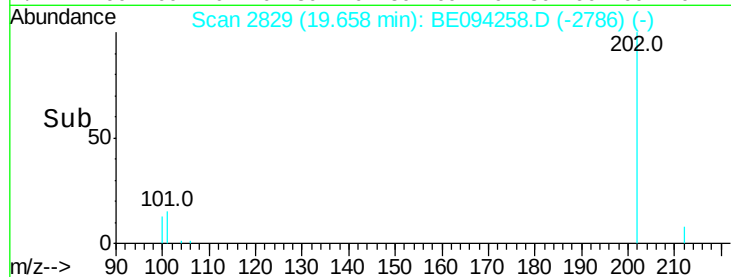
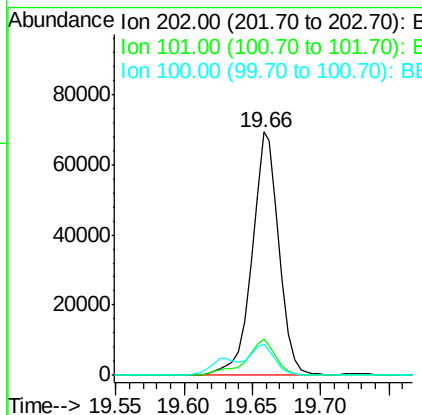
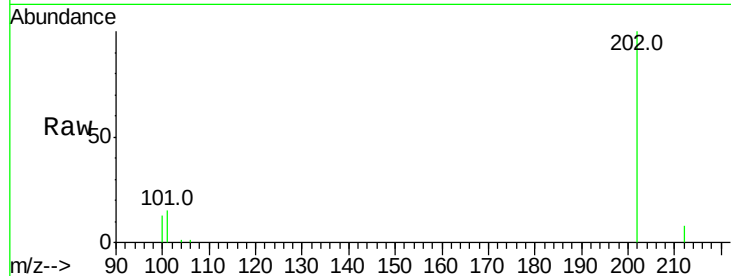
ClientSampleId :

C0AC4

Tot Ion:	202	Resp:	94213
Ion Ratio	Lower	Upper	
202	100		
101	14.7	18.2	27.4#
100	12.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.688 ng/ul

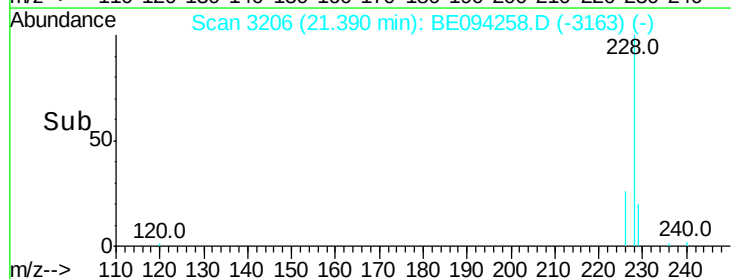
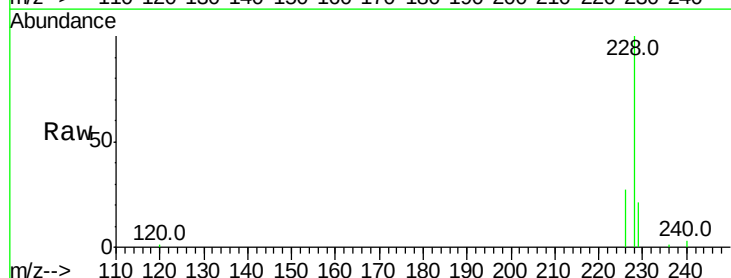
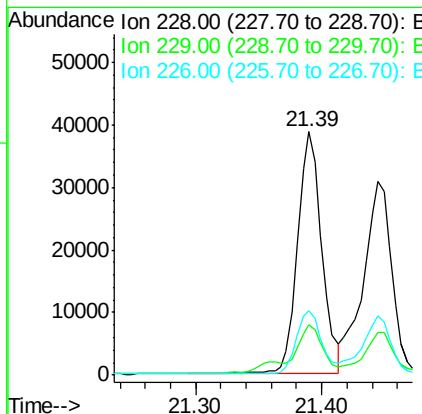
RT: 21.39 min Scan# 3206

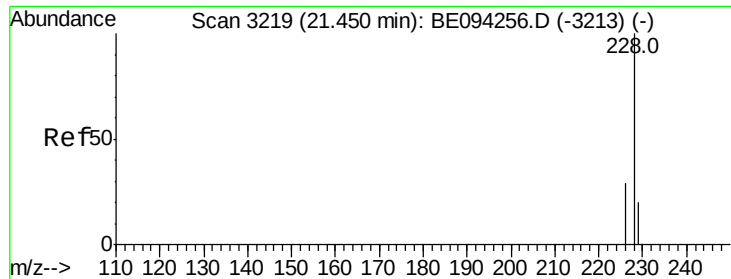
Delta R.T. -0.00 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Tgt Ion:	228	Resp:	51716
Ion Ratio	Lower	Upper	
228	100		
229	20.8	22.8	34.2#
226	26.6	17.0	25.6#





#19

Chrysene

Concen: 1.381 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Instrument :

BNA_E

ClientSampleId :

C0AC4

Tot Ion:228 Resp: 48878

Ion Ratio Lower Upper

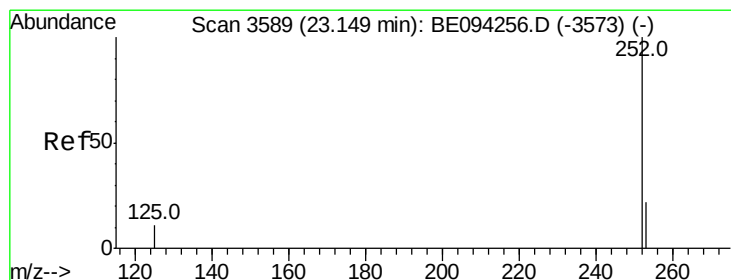
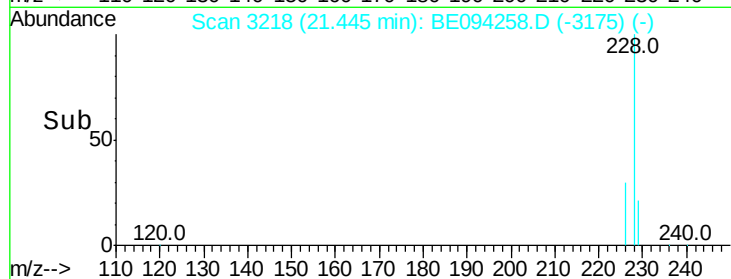
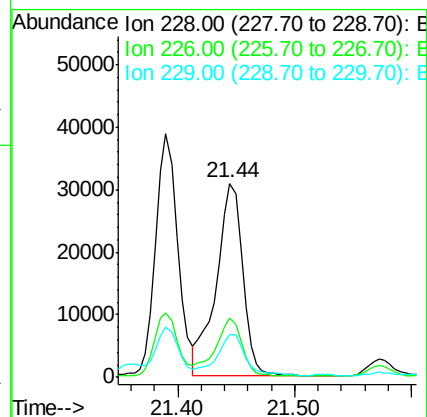
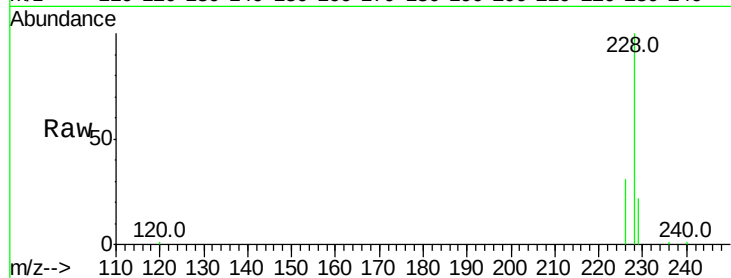
228 100

226 30.6 23.4 35.0

229 22.1 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 1.619 ng/ul m

RT: 23.15 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

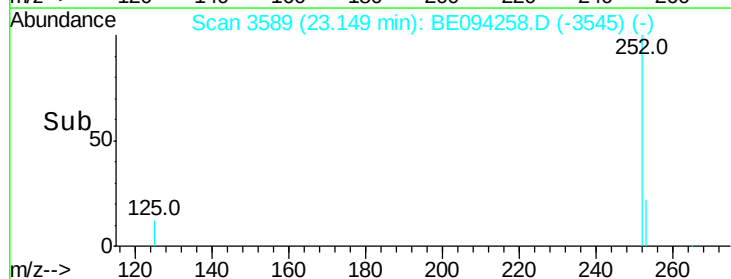
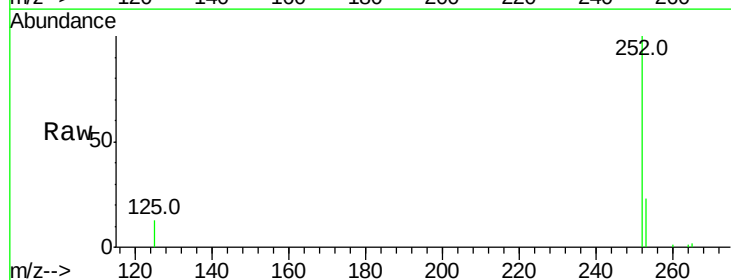
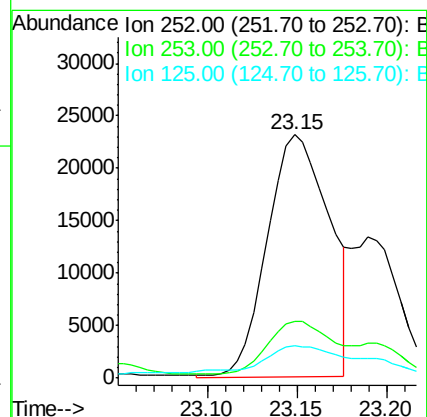
Tgt Ion:252 Resp: 55803

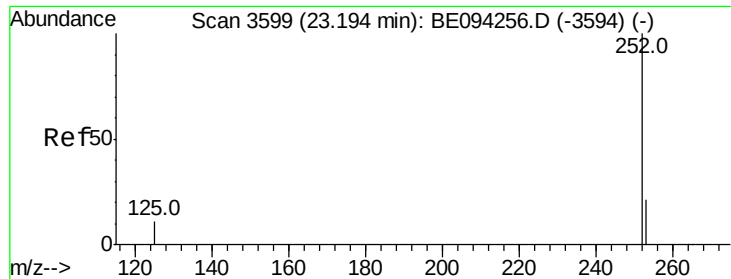
Ion Ratio Lower Upper

252 100

253 23.4 0.0 64.2

125 13.2 0.0 35.0





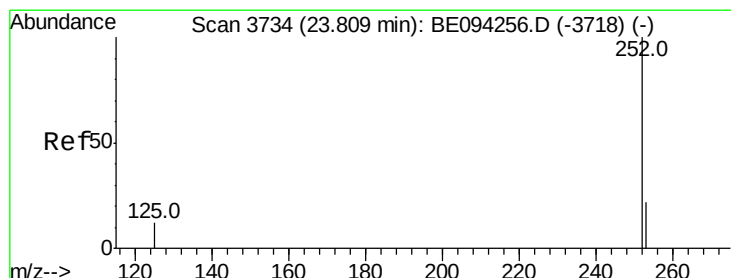
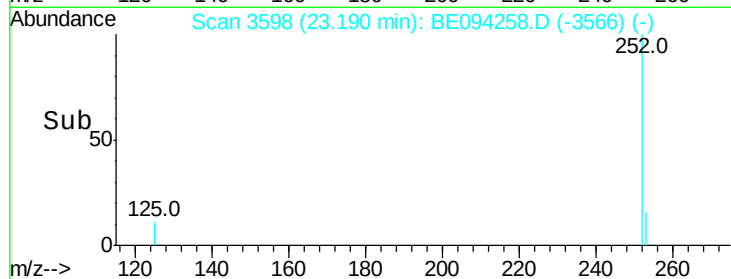
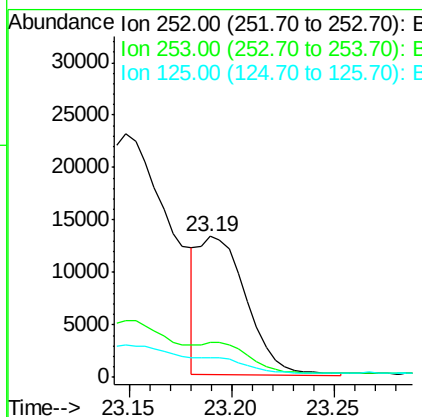
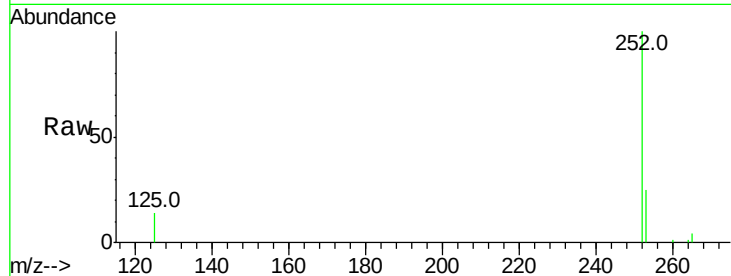
#22
Benzo(k)fluoranthene
Concen: 0.537 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BE094258.D
Acq: 10 Oct 2017 19:27

Instrument :
BNA_E
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	24.5	36.7
125	14.2	13.7	20.5

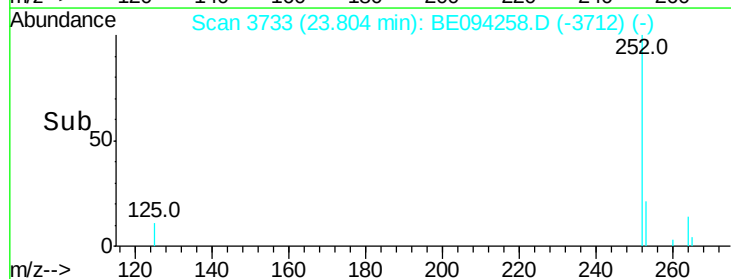
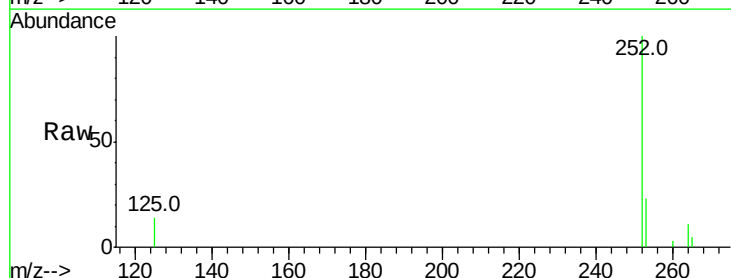
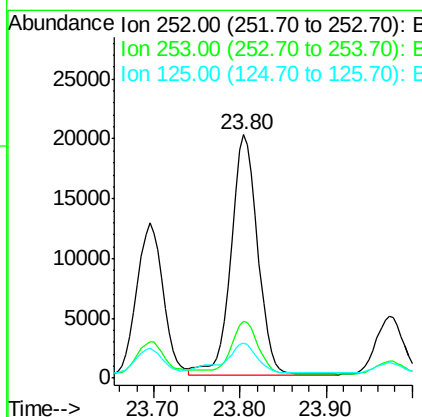
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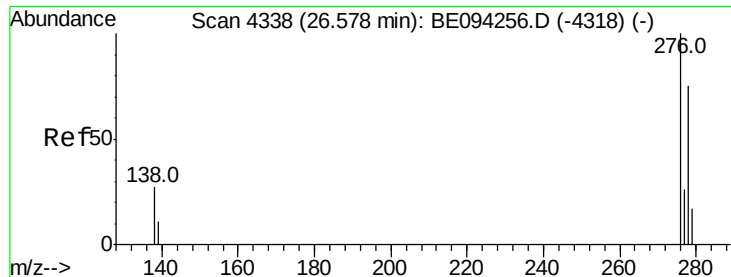
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#23
Benzo(a)pyrene
Concen: 1.200 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE094258.D
Acq: 10 Oct 2017 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	14.5	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.698 ng/ul

RT: 26.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Instrument :

BNA_E

ClientSampled :

C0AC4

Tot Ion:276 Resp: 25570

Ion Ratio Lower Upper

276 100

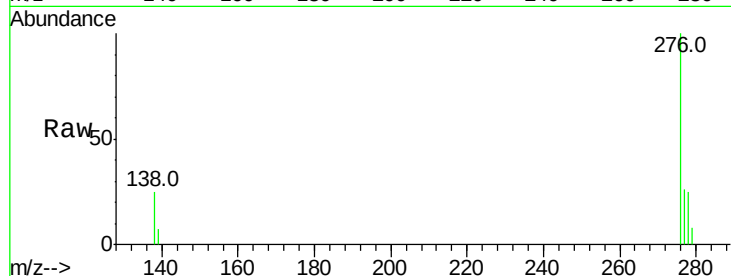
138 23.6 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
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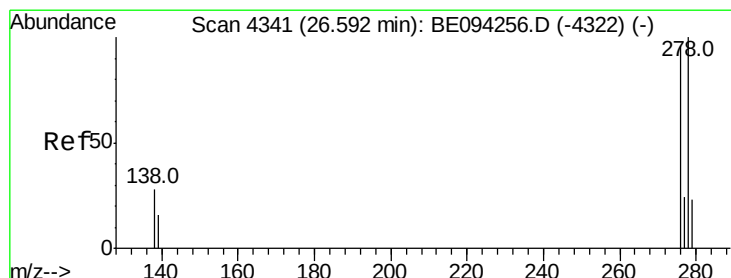
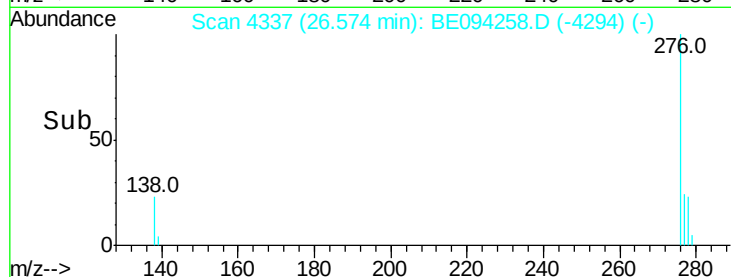
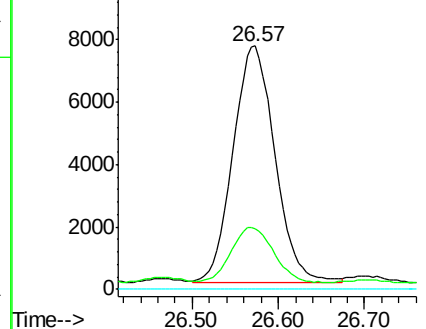
10/11/2017 7:19:53 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.220 ng/ul

RT: 26.57 min Scan# 4337

Delta R.T. -0.02 min

Lab File: BE094258.D

Acq: 10 Oct 2017 19:27

Tgt Ion:278 Resp: 6770

Ion Ratio Lower Upper

278 100

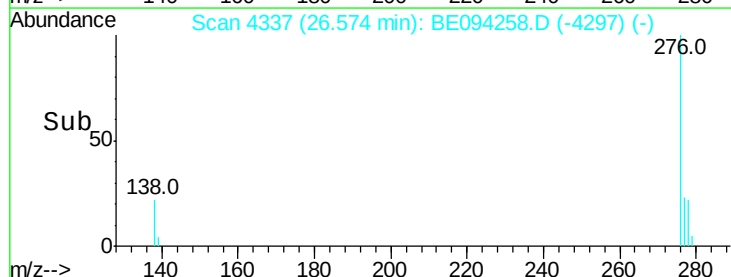
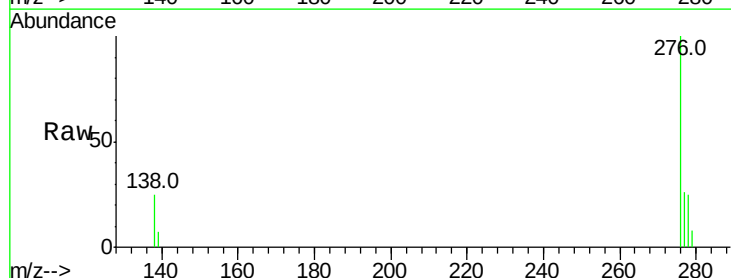
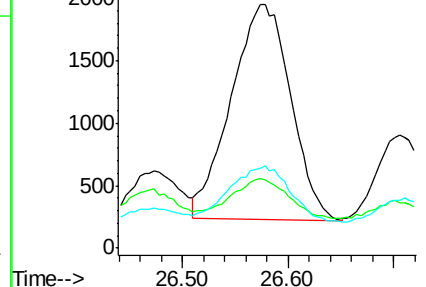
139 28.4 17.4 26.0#

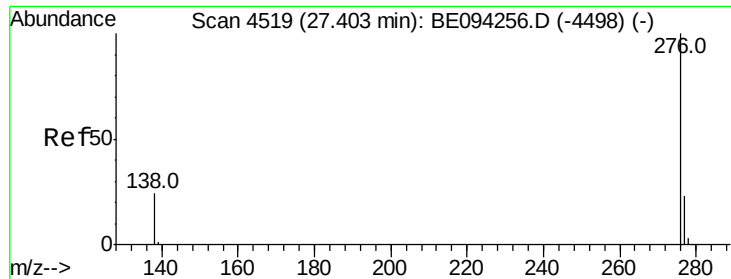
279 32.5 25.9 38.9

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





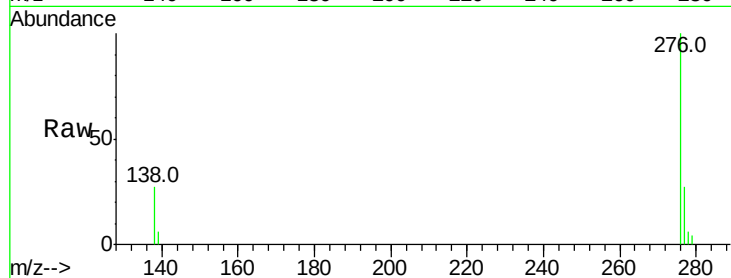
#26
 Benzo(a,h,i)perylene
 Concen: 0.570 ng/ul
 RT: 27.39 min Scan# 4517
 Delta R.T. -0.01 min
 Lab File: BE094258.D
 Acq: 10 Oct 2017 19:27

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Resp	Lower	Upper
276	100	18009		
138	27.0		21.8	32.8
277	27.1		20.5	30.7

Manual Integrations
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Sohil
 10/11/2017 7:19:53 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

