

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094344.D
 Acq On : 14 Oct 2017 3:57
 Operator : SJ/JU
 Sample : I5649-10 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-2

Manual Integrations
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Sohil
 10/16/2017 8:23:16 PM

Quant Time: Oct 15 04:17:53 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1708	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4963	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10152	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9785	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	10395	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1940	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	4164	0.12	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	17074	0.78	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	3045	0.21	ng/ul	97
7) Acenaphthylene	14.26	152	19187	0.99	ng/ul	97
8) Acenaphthene	14.60	153	3146	0.20	ng/ul	93
9) Fluorene	15.58	166	5772	0.31	ng/ul	92
12) Phenanthrene	17.31	178	152389	5.74	ng/ul#	91
13) Anthracene	17.40	178	69551	2.70	ng/ul#	91
15) Fluoranthene	19.33	202	580621	16.66	ng/ul	84
17) Pyrene	19.69	202	554147	20.35	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	612361	23.59	ng/ul#	87
19) Chrysene	21.48	228	512642	17.10	ng/ul	99
21) Benzo(b)fluoranthene	23.20	252	844142m	29.89	ng/ul	
22) Benzo(k)fluoranthene	23.25	252	318269m	9.75	ng/ul	
23) Benzo(a)pyrene	23.87	252	671130	22.87	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.69	276	453866	15.12	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.68	278	118936	4.72	ng/ul	96
26) Benzo(g,h,i)perylene	27.53	276	371739	14.36	ng/ul	97

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

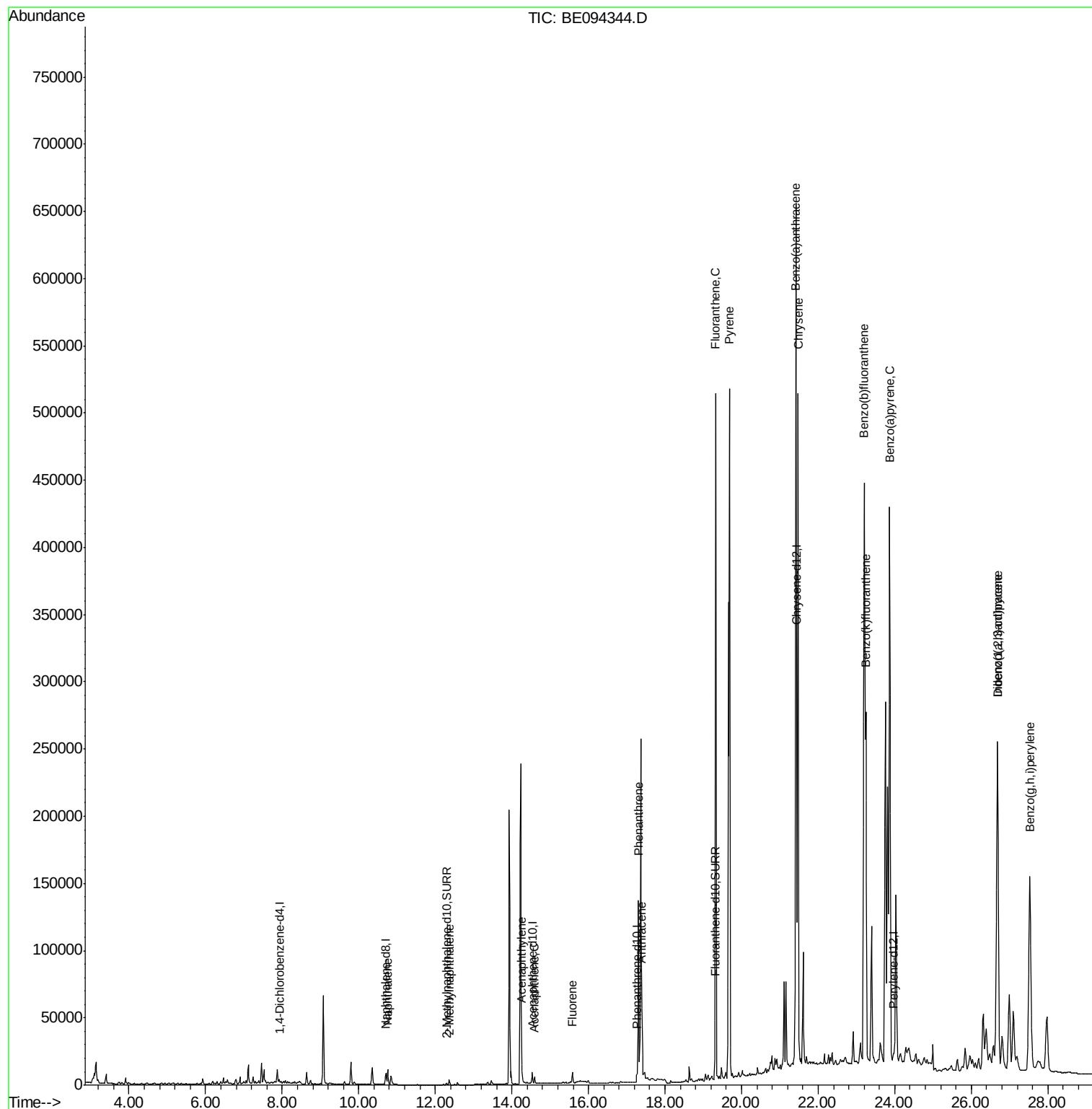
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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ALS Vial : 25 Sample Multiplier: 1

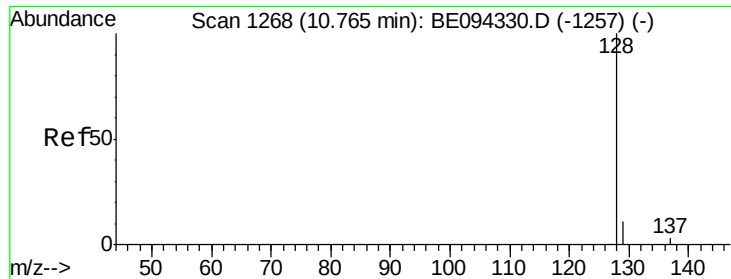
Instrument :
BNA_E
ClientSampled :
DUP-2

Manual Integrations
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#3

Naphthalene

Concen: 0.78 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampleId :

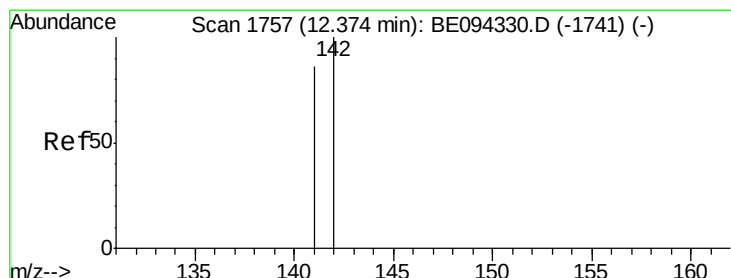
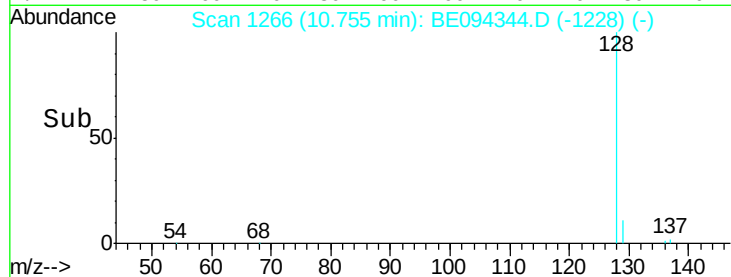
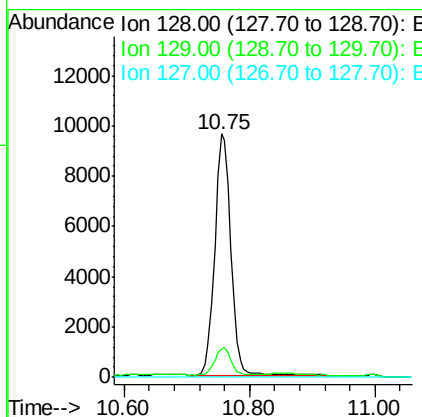
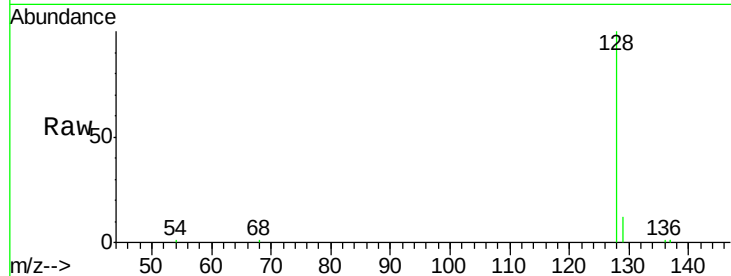
DUP-2

Tgt Ion:128 Resp: 17074

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.21 ng/ul

RT: 12.36 min Scan# 1754

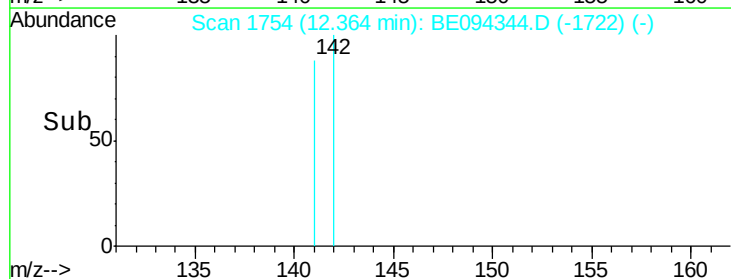
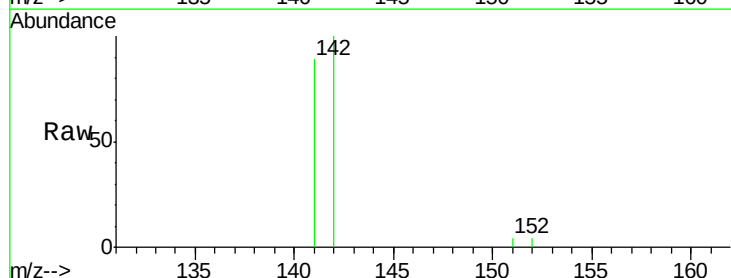
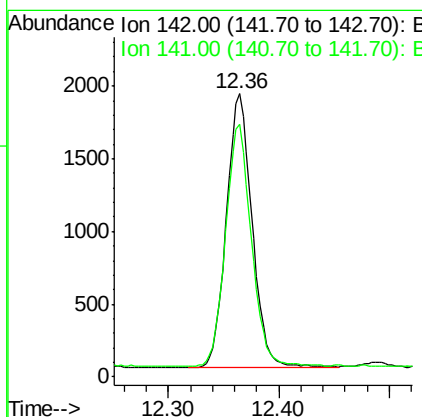
Delta R.T. -0.00 min

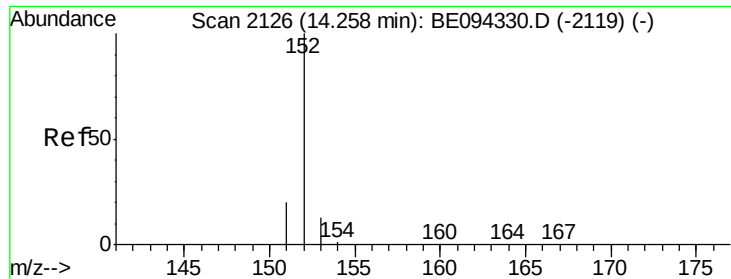
Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Tgt Ion:142 Resp: 3045

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.99 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

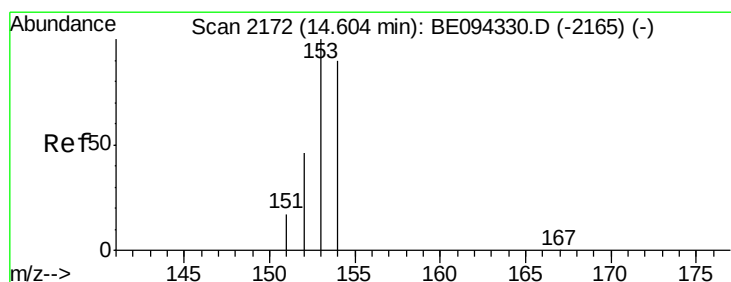
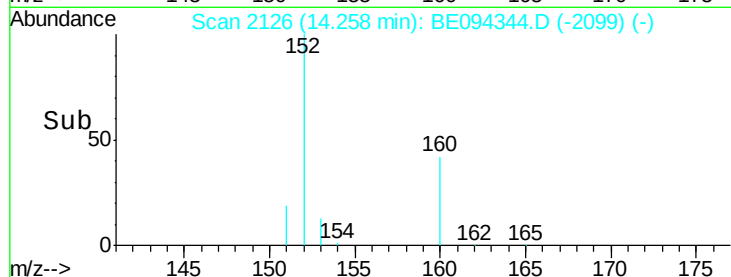
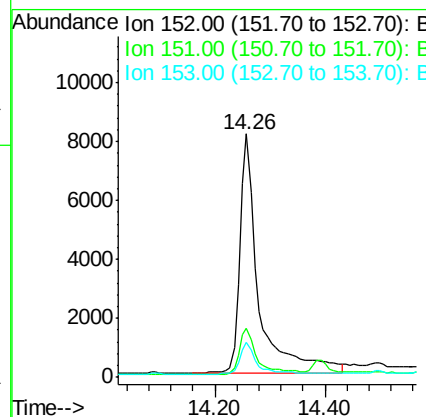
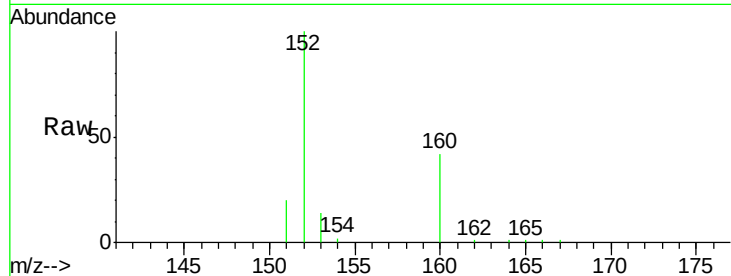
ClientSampled :

DUP-2

Tgt Ion:	152	Resp:	19187
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.1	25.7
153	14.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.20 ng/ul

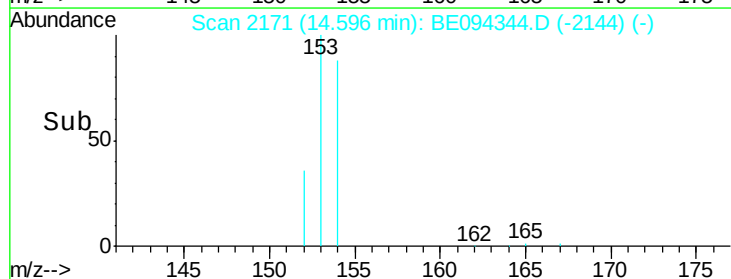
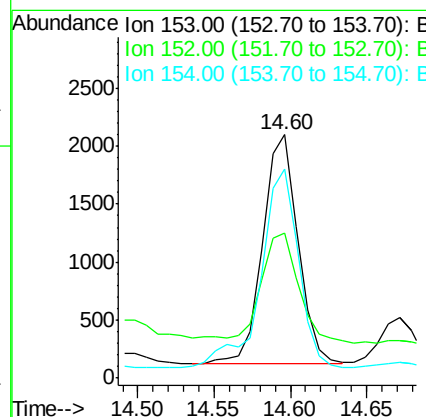
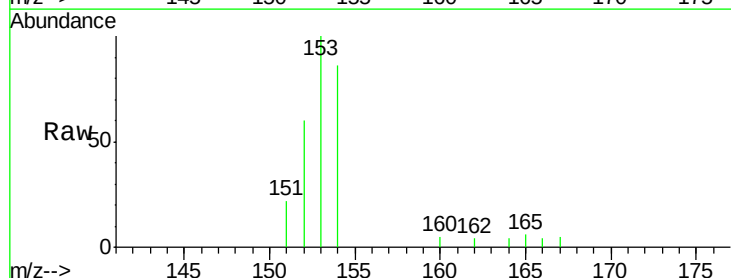
RT: 14.60 min Scan# 2171

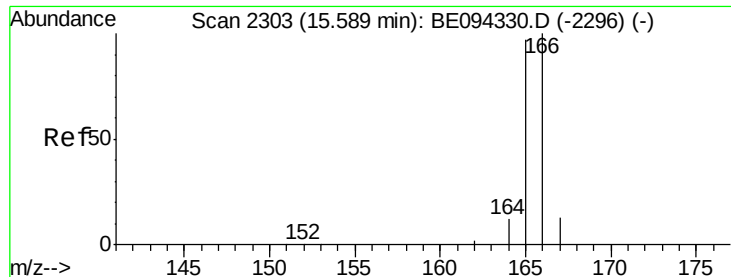
Delta R.T. 0.01 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Tgt Ion:	153	Resp:	3146
Ion Ratio	Lower	Upper	
153	100		
152	59.8	40.3	60.5
154	86.0	71.4	107.2





#9

Fluorene

Concen: 0.31 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

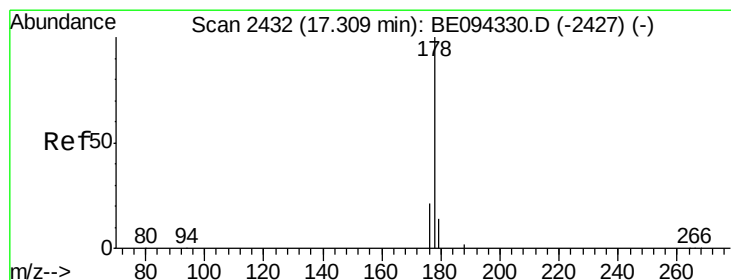
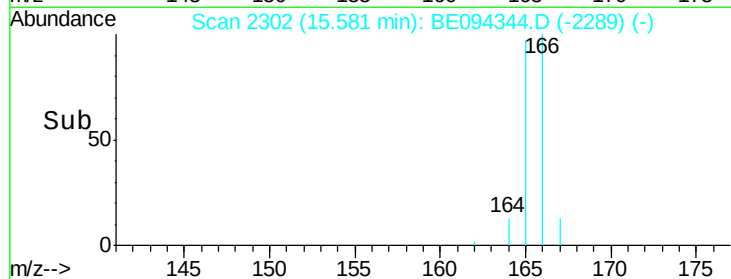
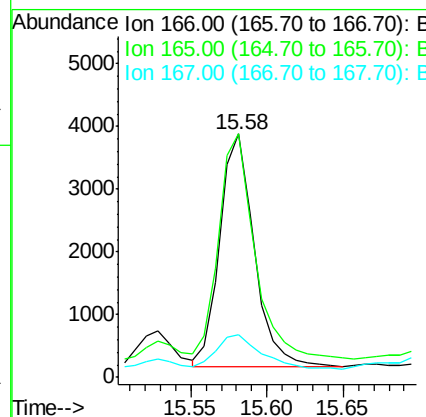
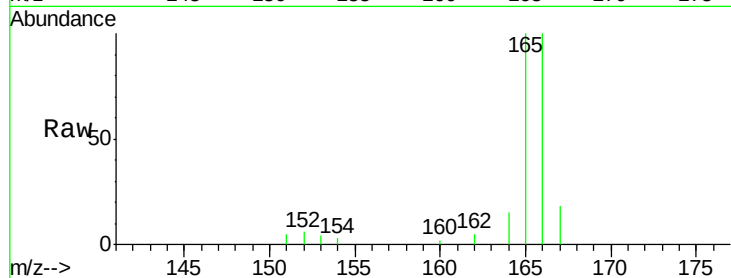
ClientSampled :

DUP-2

Tgt Ion:	166	Resp:	5772
Ion Ratio	Lower	Upper	
166	100		
165	100.1	73.4	110.2
167	17.6	14.6	22.0

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#12

Phenanthrene

Concen: 5.74 ng/ul

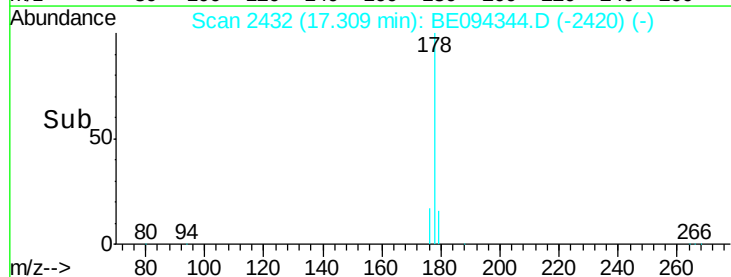
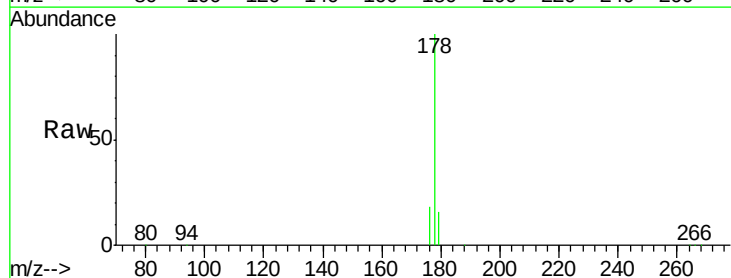
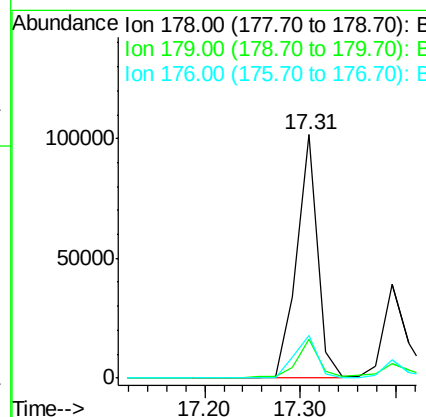
RT: 17.31 min Scan# 2432

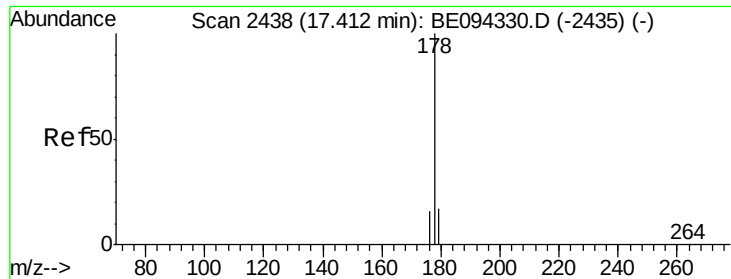
Delta R.T. 0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Tgt Ion:	178	Resp:	152389
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.4	27.6#
176	17.7	13.6	20.4





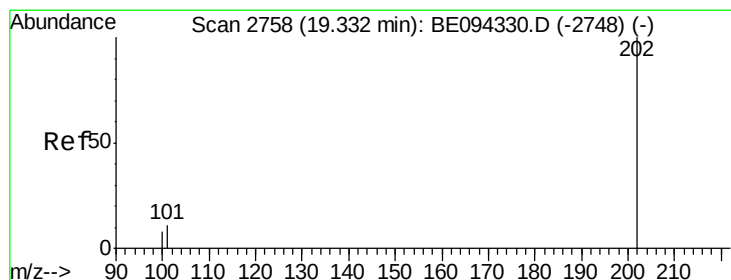
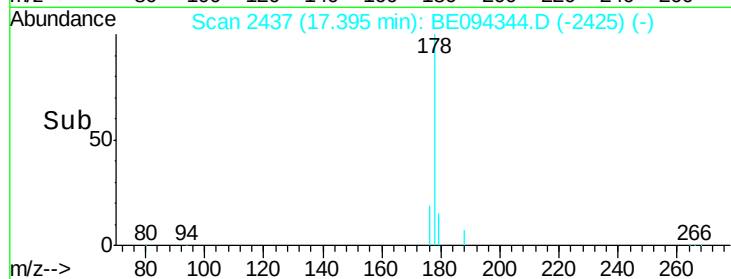
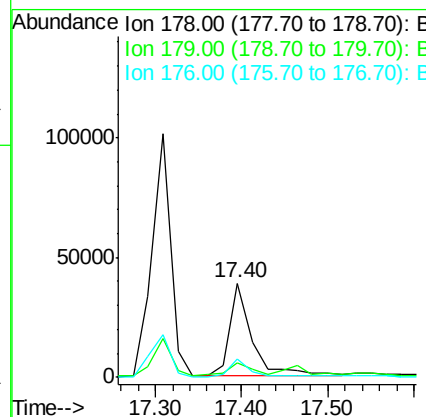
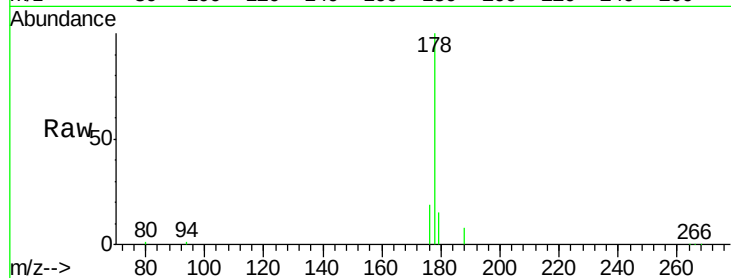
#13
 Anthracene
 Concen: 2.70 ng/ul
 RT: 17.40 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BE094344.D
 Acq: 14 Oct 2017 3:57

Instrument :
 BNA_E
 ClientSampleId :
 DUP-2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	19.3	14.7	22.1

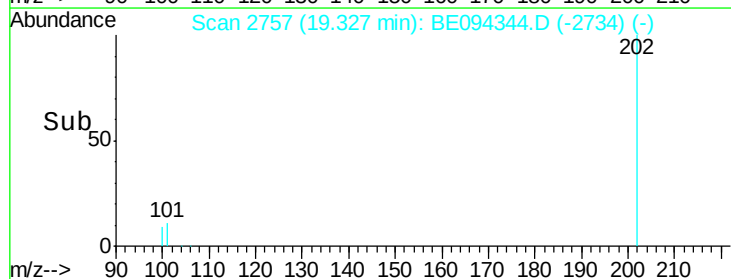
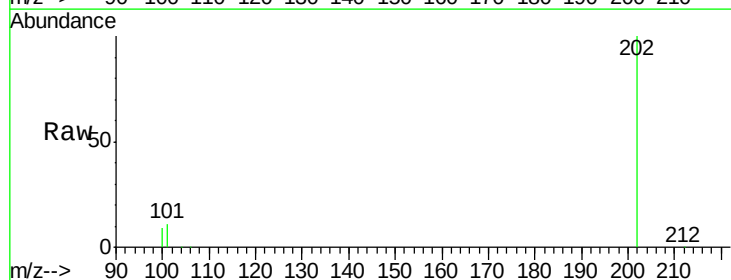
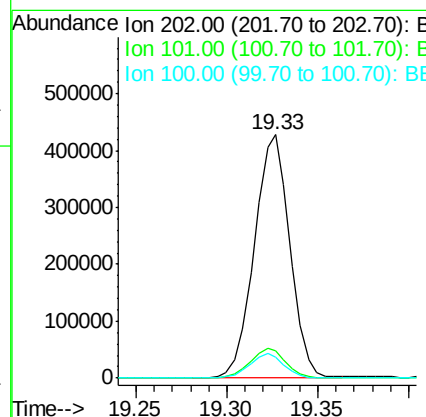
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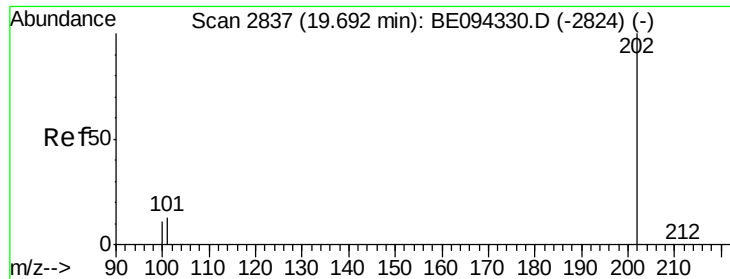
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#15
 Fluoranthene
 Concen: 16.66 ng/ul
 RT: 19.33 min Scan# 2757
 Delta R.T. 0.01 min
 Lab File: BE094344.D
 Acq: 14 Oct 2017 3:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
100	8.8	0.0	39.5





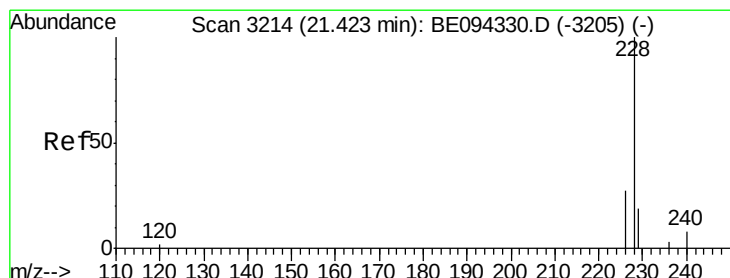
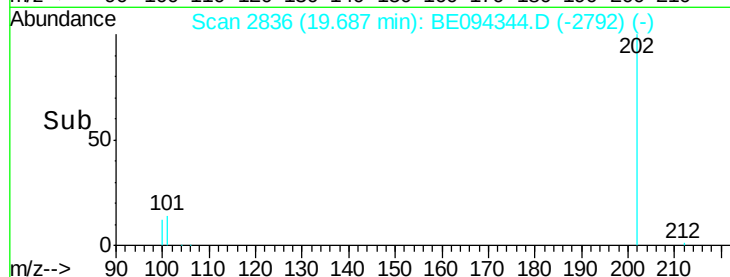
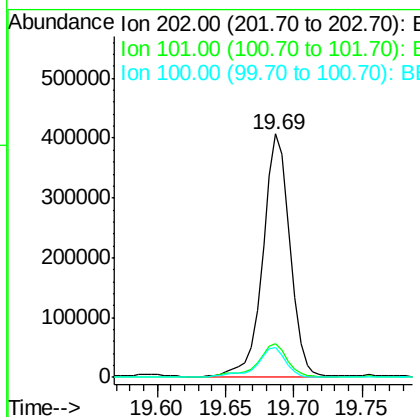
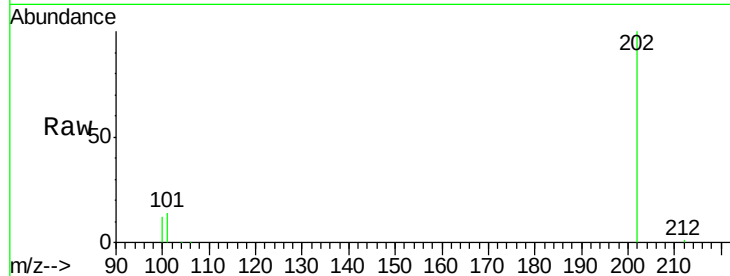
#17
Pyrene
 Concen: 20.35 ng/ul
 RT: 19.69 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: BE094344.D
 Acq: 14 Oct 2017 3:57

Instrument :
 BNA_E
 ClientSampleID :
 DUP-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	18.2	27.4#
100	12.0	15.6	23.4#

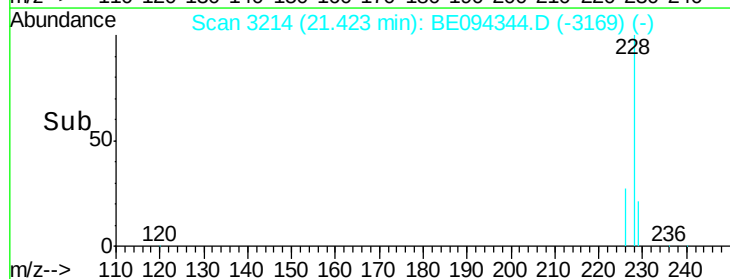
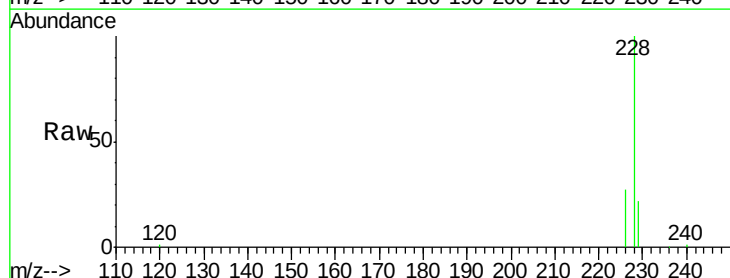
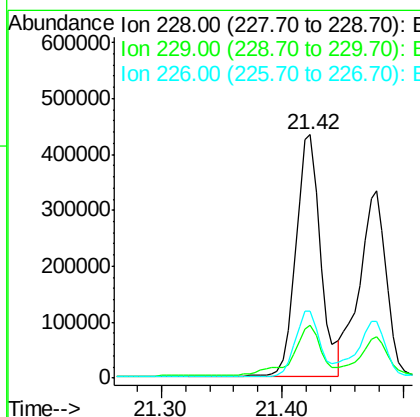
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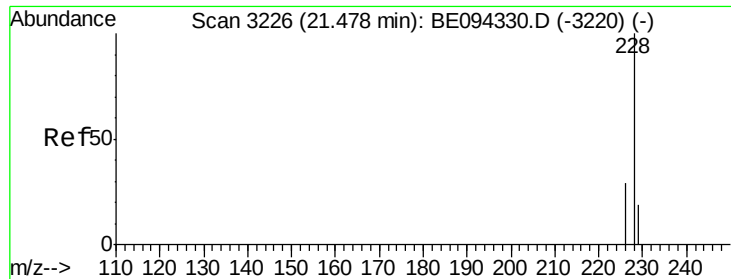
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#18
Benzo(a)anthracene
 Concen: 23.59 ng/ul
 RT: 21.42 min Scan# 3214
 Delta R.T. 0.01 min
 Lab File: BE094344.D
 Acq: 14 Oct 2017 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.6	22.8	34.2#
226	27.4	17.0	25.6#





#19

Chrysene

Concen: 17.10 ng/ul

RT: 21.48 min Scan# 3226

Delta R.T. 0.01 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

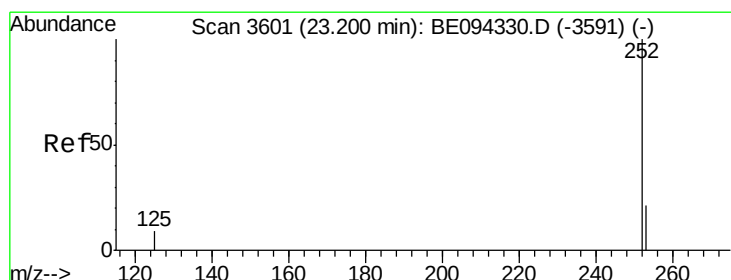
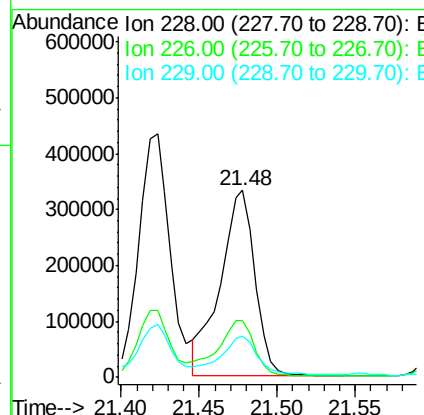
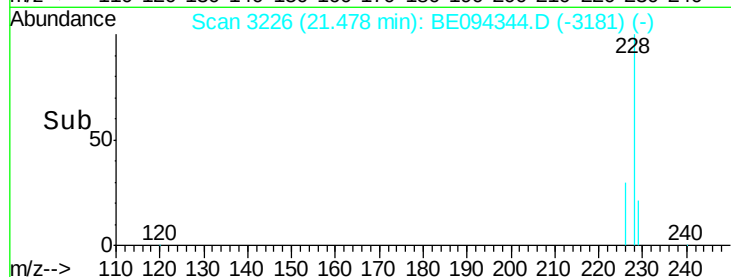
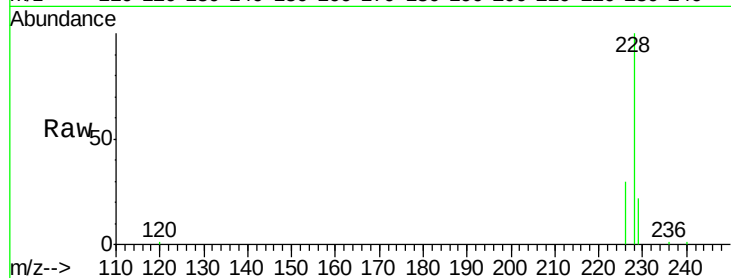
ClientSampled :

DUP-2

Tgt Ion:	228	Resp:	512642
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.0
229	21.9	17.7	26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 29.89 ng/ul m

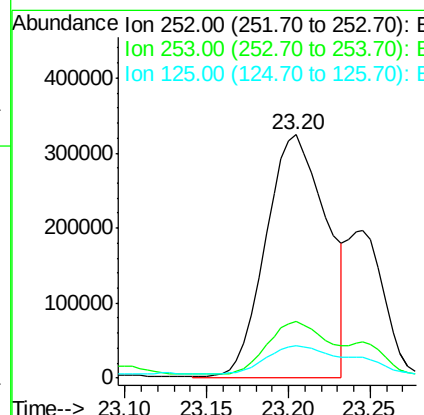
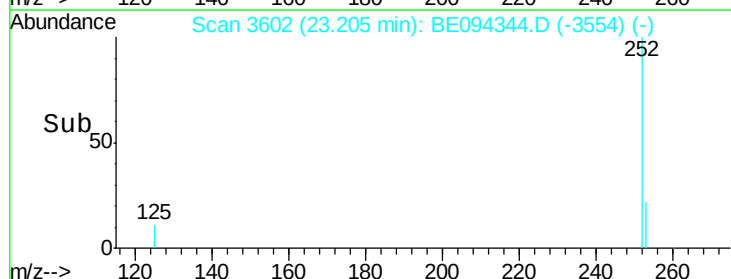
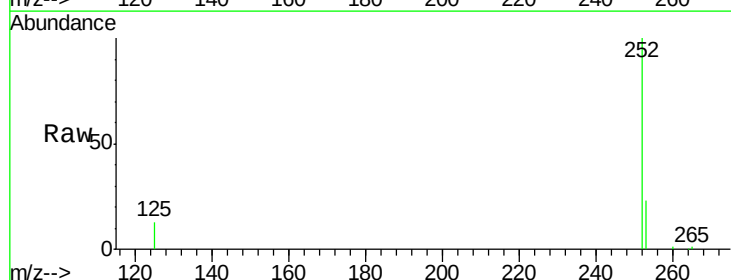
RT: 23.20 min Scan# 3602

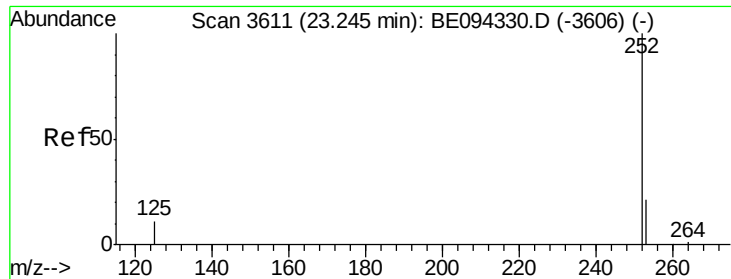
Delta R.T. 0.02 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Tgt Ion:	252	Resp:	844142
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	13.1	0.0	35.0





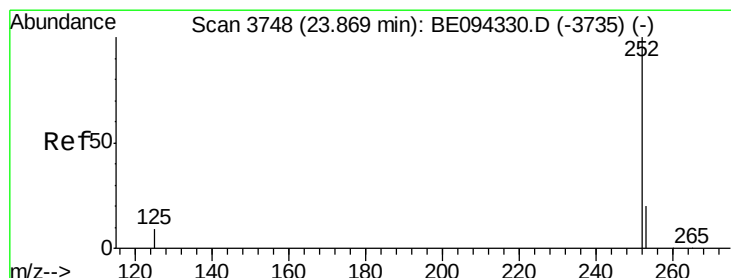
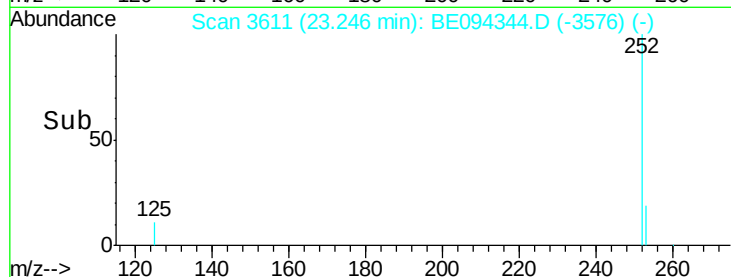
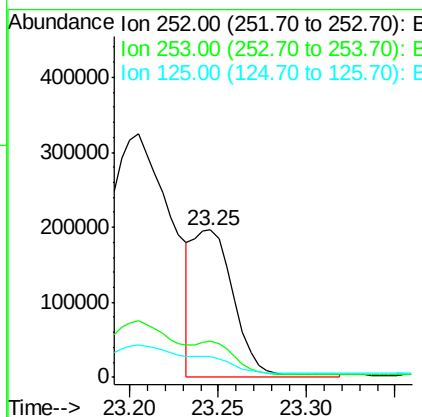
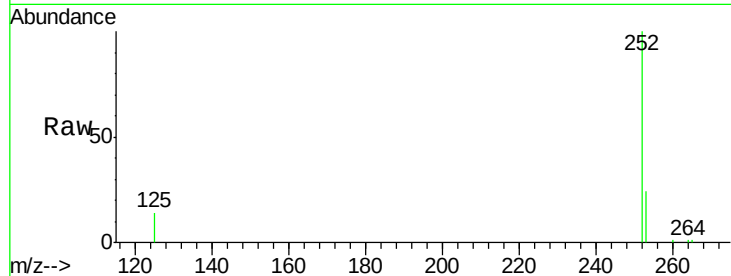
#22
Benzo(k)fluoranthene
Concen: 9.75 ng/ul m
RT: 23.25 min Scan# 3611
Delta R.T. 0.01 min
Lab File: BE094344.D
Acq: 14 Oct 2017 3:57

Instrument :
BNA_E
ClientSampleId :
DUP-2

Tgt Ion: 252 Resp: 318269
Ion Ratio Lower Upper
252 100
253 24.4 24.5 36.7#
125 13.9 13.7 20.5

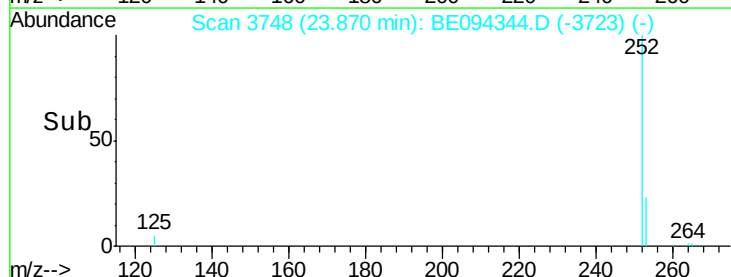
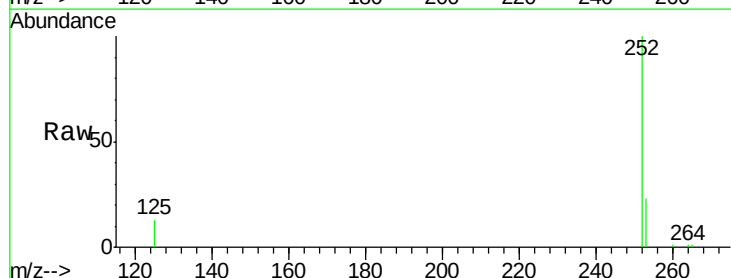
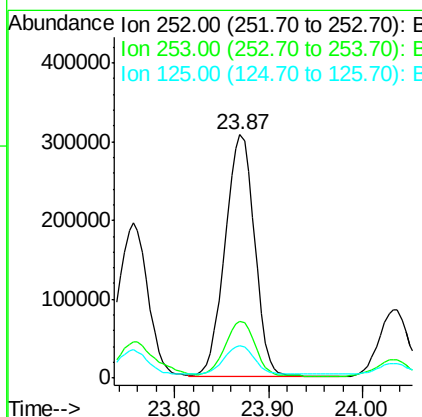
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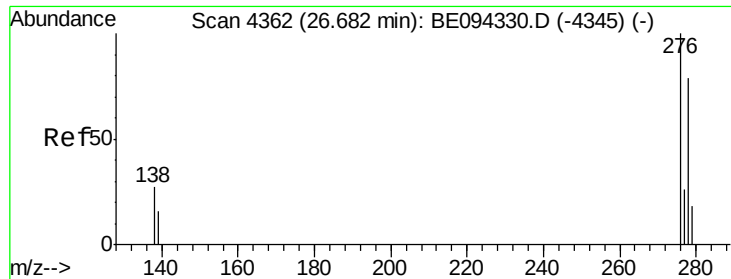
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#23
Benzo(a)pyrene
Concen: 22.87 ng/ul
RT: 23.87 min Scan# 3748
Delta R.T. 0.01 min
Lab File: BE094344.D
Acq: 14 Oct 2017 3:57

Tgt Ion: 252 Resp: 671130
Ion Ratio Lower Upper
252 100
253 23.4 28.5 42.7#
125 13.3 18.1 27.1#





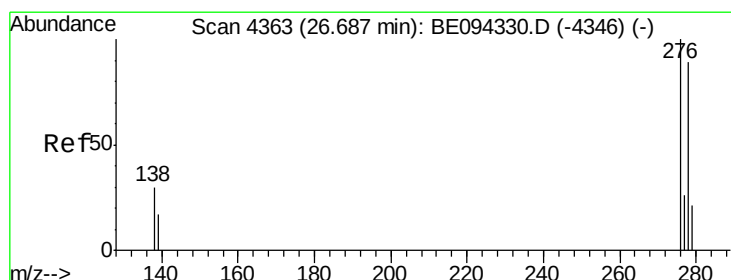
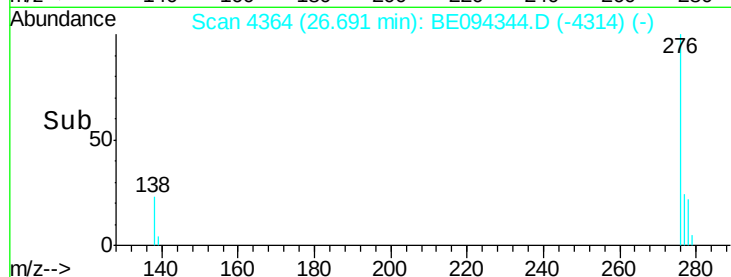
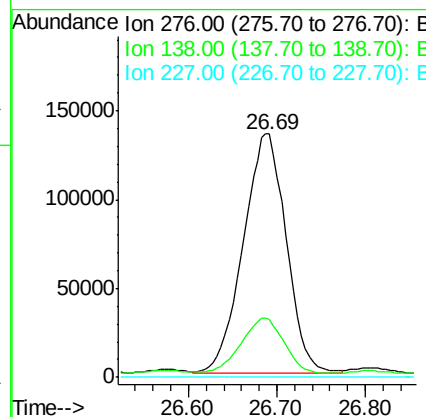
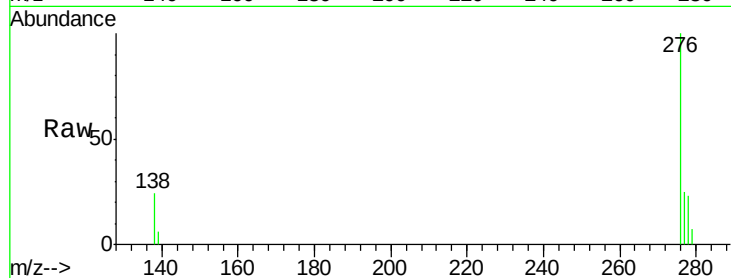
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 15.12 ng/ul
 RT: 26.69 min Scan# 4364
 Delta R.T. 0.03 min
 Lab File: BE094344.D
 Acq: 14 Oct 2017 3:57

Instrument :
 BNA_E
 ClientSampleId :
 DUP-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.9	28.0	42.0#
227	0.0	8.0	12.0#

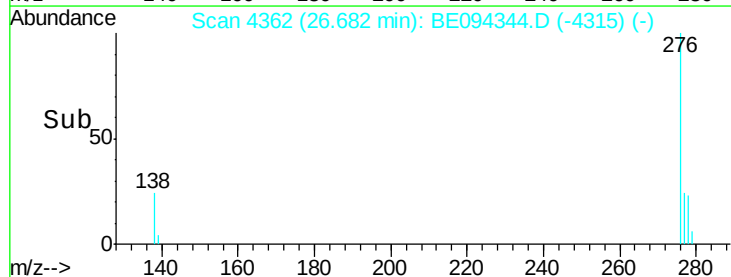
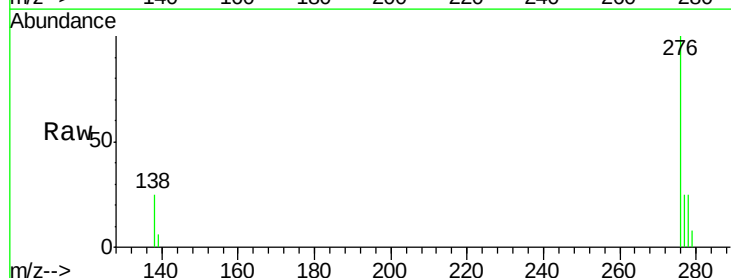
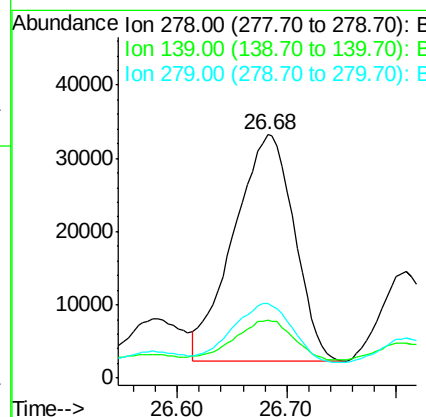
Manual Integrations
 APPROVED

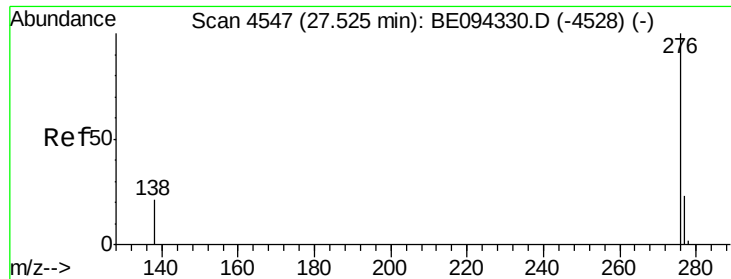
Sohil
 10/16/2017 8:23:16 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 4.72 ng/ul
 RT: 26.68 min Scan# 4362
 Delta R.T. 0.01 min
 Lab File: BE094344.D
 Acq: 14 Oct 2017 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	24.0	17.4	26.0
279	30.6	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 14.36 ng/ul
 RT: 27.53 min Scan# 4548
 Delta R.T. 0.03 min
 Lab File: BE094344.D
 Acq: 14 Oct 2017 3:57

Instrument :
 BNA_E
 ClientSampleId :
 DUP-2

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		371739		
138	24.7	21.8	32.8		
277	25.3	20.5	30.7		

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:23:16 PM

