

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094265.D
 Acq On : 10 Oct 2017 23:47
 Operator : SJ/JU
 Sample : I5533-08DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-54(7-8)-092817DL

Manual Integrations
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Quant Time: Oct 11 08:05:42 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	2182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11093	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6131	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	13626	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	13842	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12960	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	735	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1878	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	3350	0.123	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	770	0.044	ng/ul	100
7) Acenaphthylene	14.24	152	2580	0.108	ng/ul	96
8) Acenaphthene	14.57	153	3830	0.195	ng/ul	100
9) Fluorene	15.56	166	3978	0.173	ng/ul	91
12) Phenanthrene	17.29	178	49938	1.402	ng/ul#	93
13) Anthracene	17.38	178	15448m	0.446	ng/ul	
15) Fluoranthene	19.30	202	191906	4.102	ng/ul	84
17) Pyrene	19.66	202	202224	5.251	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	137094	3.733	ng/ul#	87
19) Chrysene	21.45	228	130409	3.075	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	129379m	3.675	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	48303m	1.187	ng/ul	
23) Benzo(a)pyrene	23.81	252	109071	2.981	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.57	276	58248	1.556	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.57	278	16928	0.539	ng/ul#	91
26) Benzo(a,h,i)perylene	27.40	276	50456	1.563	ng/ul	99

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

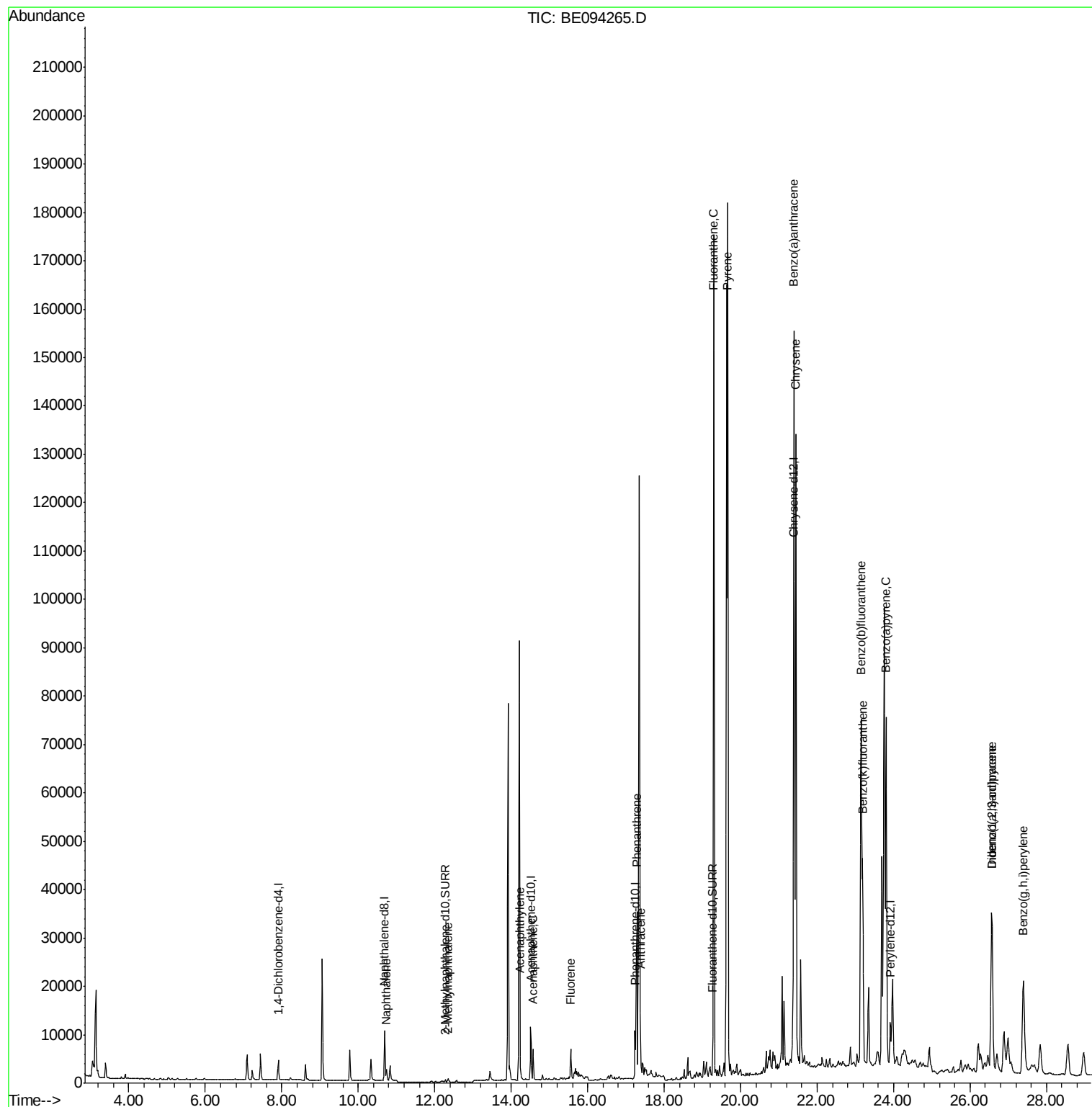
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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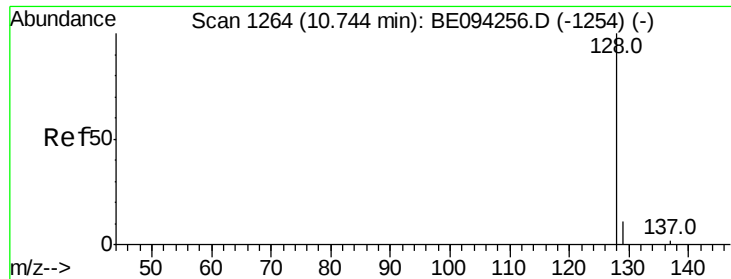
Instrument :
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#3

Naphthalene

Concen: 0.123 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE094265.D

Acq: 10 Oct 2017 23:47

Instrument :

BNA_E

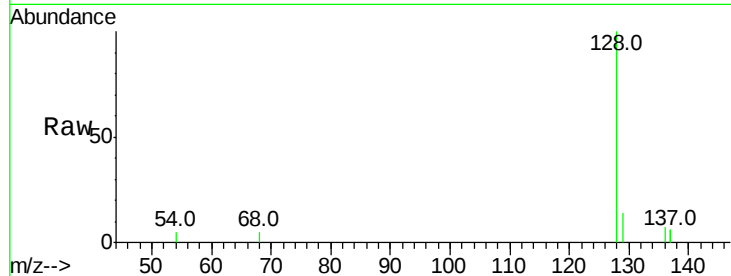
ClientSampleId :

B-54(7-8)-092817DL

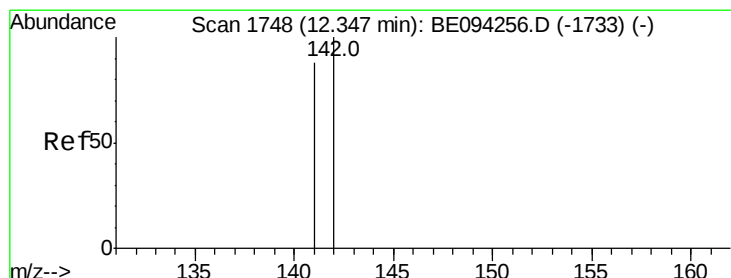
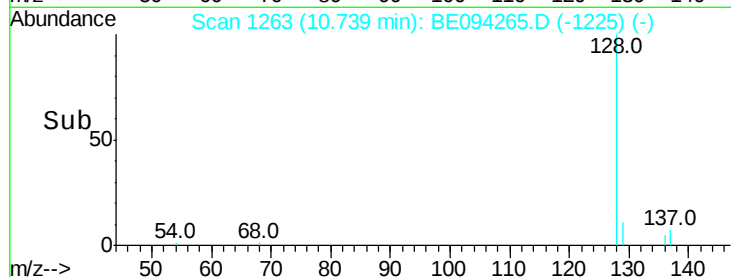
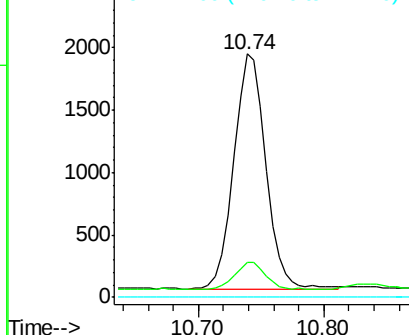
Tot Ion:	128	Resp:	3350
Ion	Ratio	Lower	Upper
128	100		
129	14.1	11.3	16.9
127	0.0	4.0	6.0#

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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: 0.044 ng/ul

RT: 12.35 min Scan# 1748

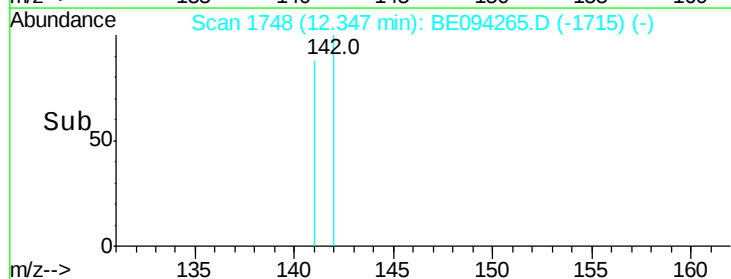
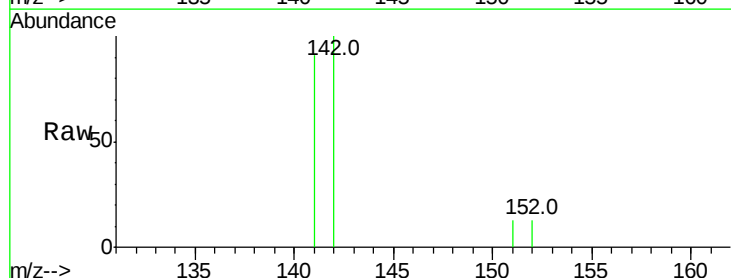
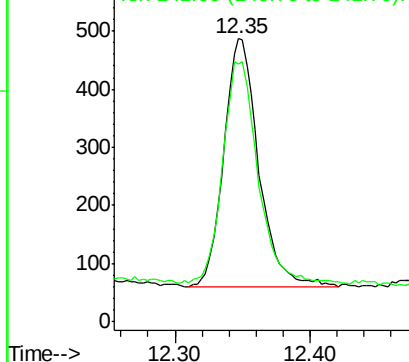
Delta R.T. -0.00 min

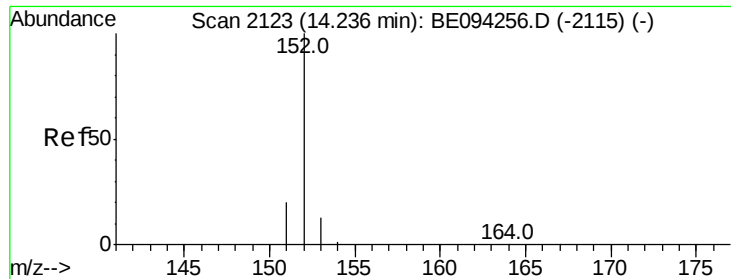
Lab File: BE094265.D

Acq: 10 Oct 2017 23:47

Tgt Ion:	142	Resp:	770
Ion	Ratio	Lower	Upper
142	100		
141	90.4	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: 0.108 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE094265.D

Acq: 10 Oct 2017 23:47

Instrument :

BNA_E

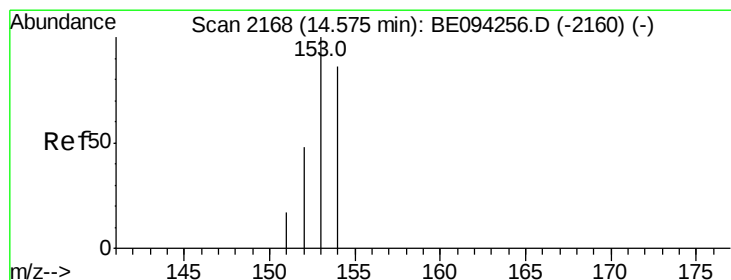
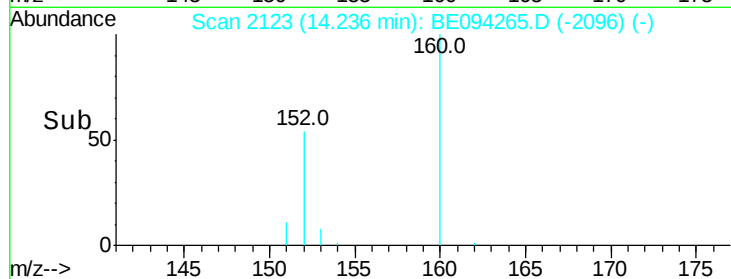
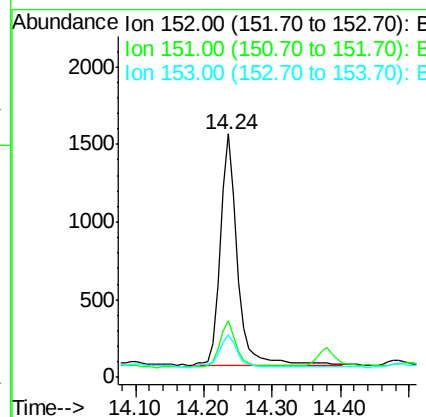
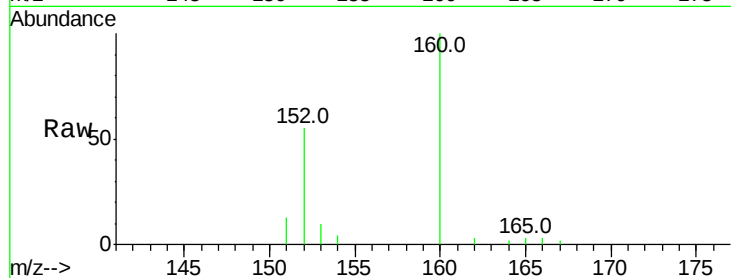
ClientSampleId :

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Tot Ion:	152	Resp:	2580
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.1	25.7
153	17.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.195 ng/ul

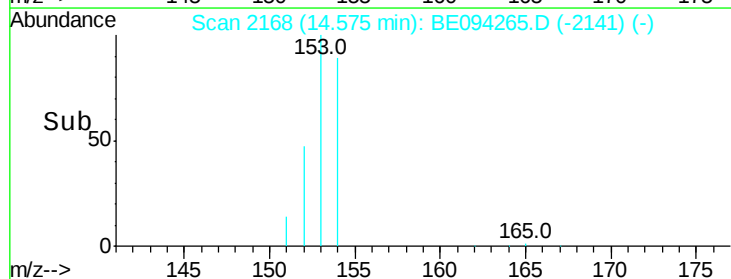
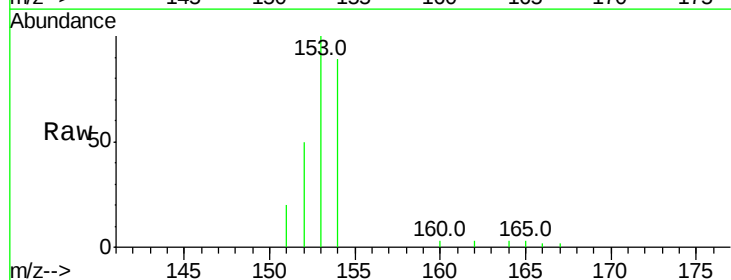
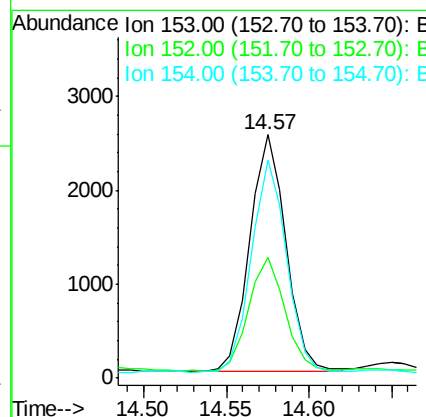
RT: 14.57 min Scan# 2168

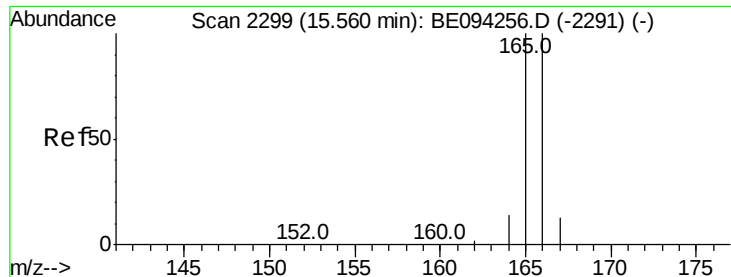
Delta R.T. 0.00 min

Lab File: BE094265.D

Acq: 10 Oct 2017 23:47

Tgt Ion:	153	Resp:	3830
Ion Ratio	Lower	Upper	
153	100		
152	49.8	40.3	60.5
154	89.3	71.4	107.2





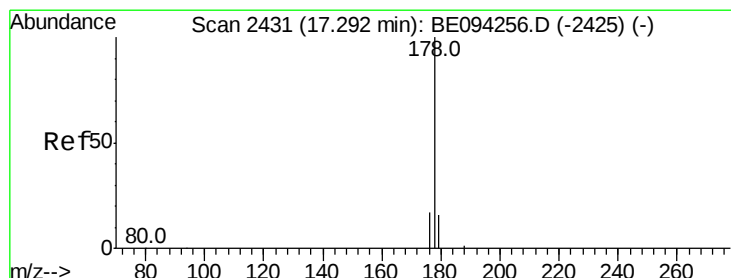
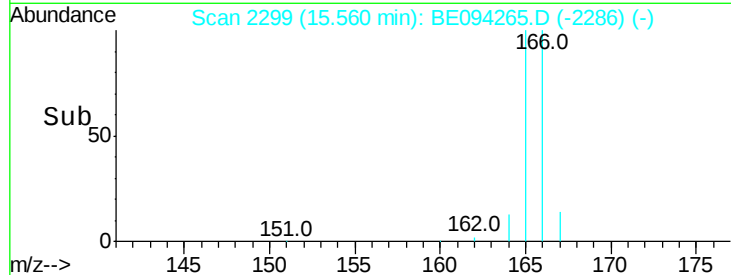
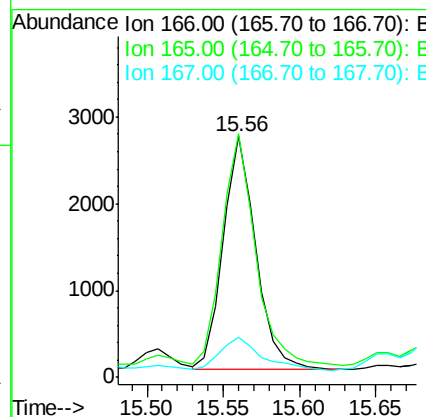
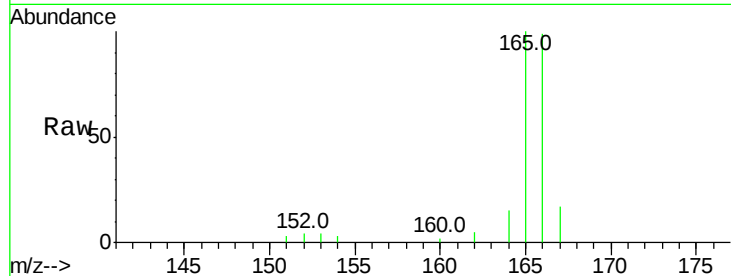
#9
Fluorene
 Concen: 0.173 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: BE094265.D
 Acq: 10 Oct 2017 23:47

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	73.4	110.2
167	16.7	14.6	22.0

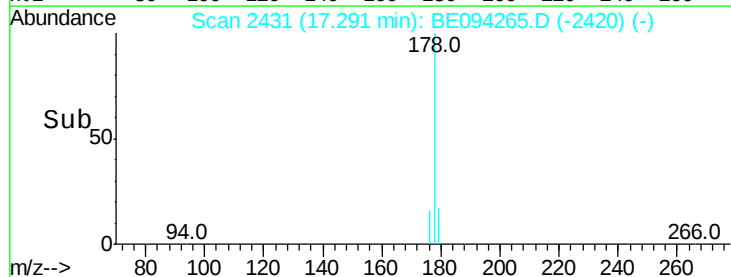
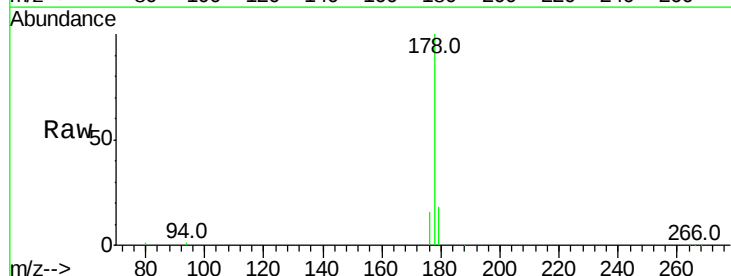
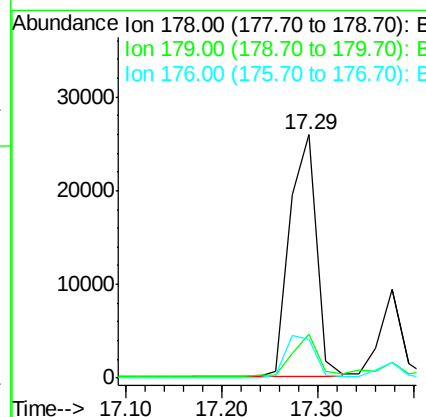
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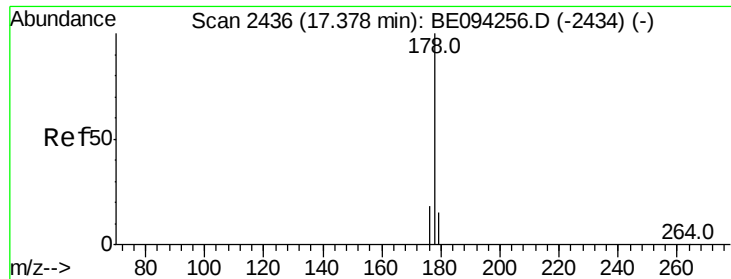
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#12
Phenanthrene
 Concen: 1.402 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094265.D
 Acq: 10 Oct 2017 23:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	18.4	27.6#
176	15.9	13.6	20.4





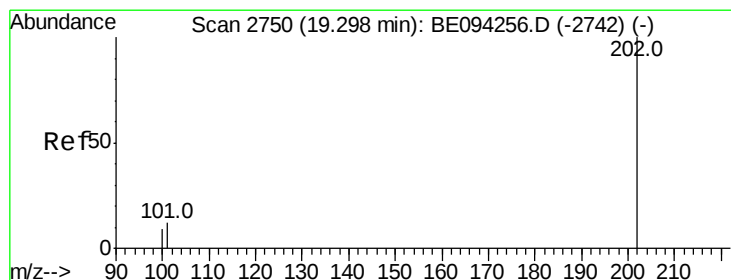
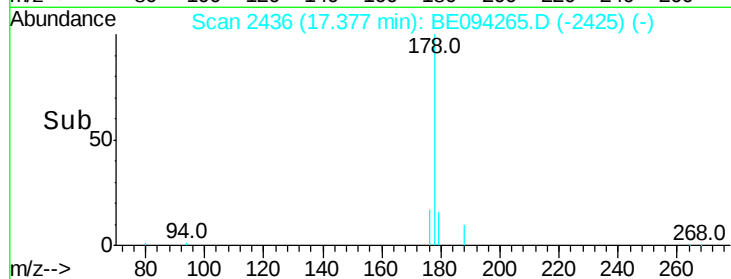
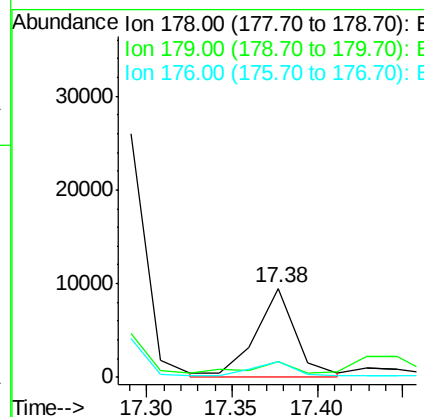
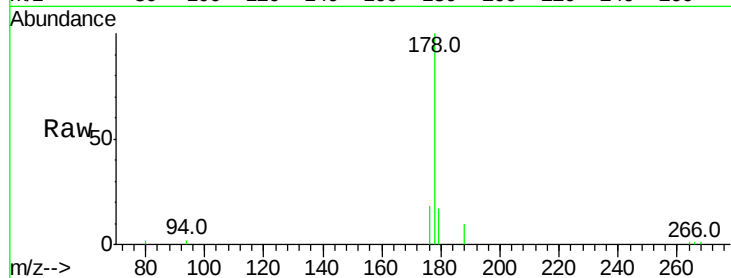
#13
 Anthracene
 Concen: 0.446 ng/ul m
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094265.D
 Acq: 10 Oct 2017 23:47

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.1	27.1#
176	17.7	14.7	22.1

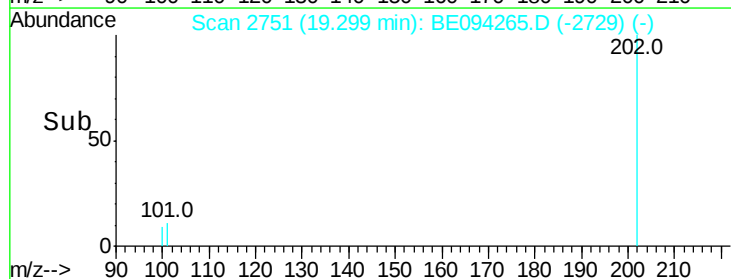
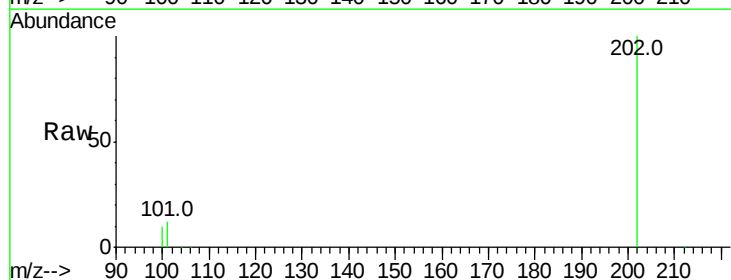
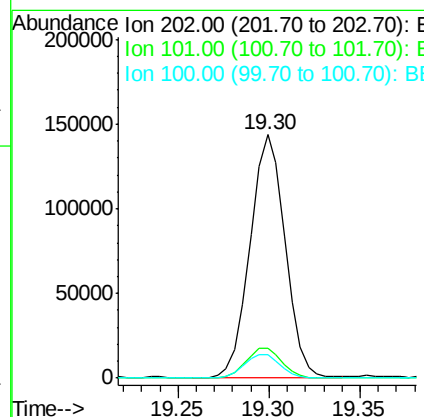
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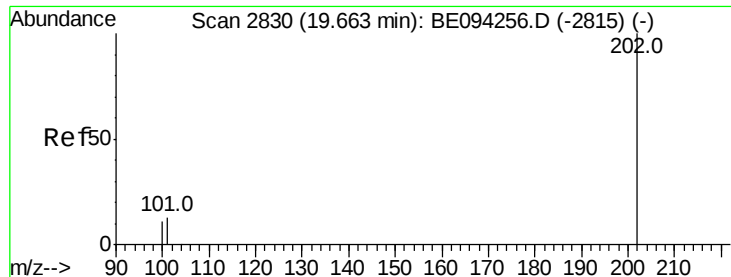
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#15
 Fluoranthene
 Concen: 4.102 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BE094265.D
 Acq: 10 Oct 2017 23:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.6	0.0	39.5





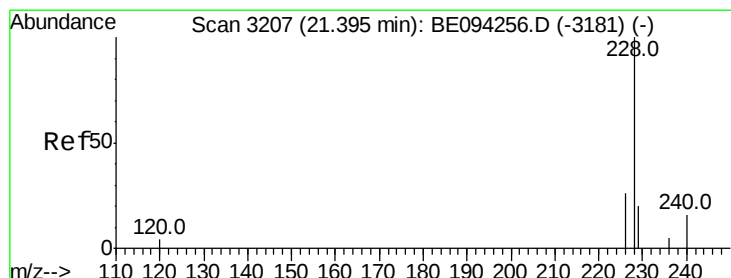
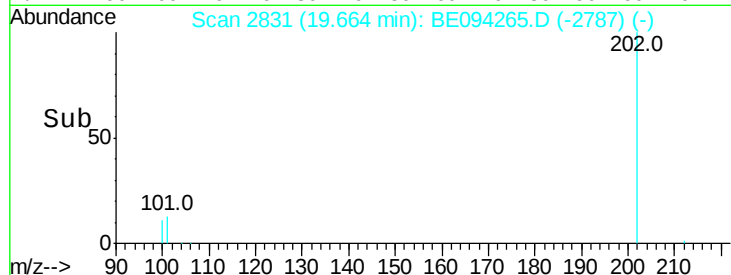
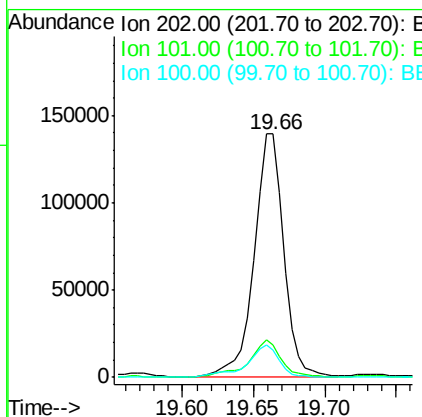
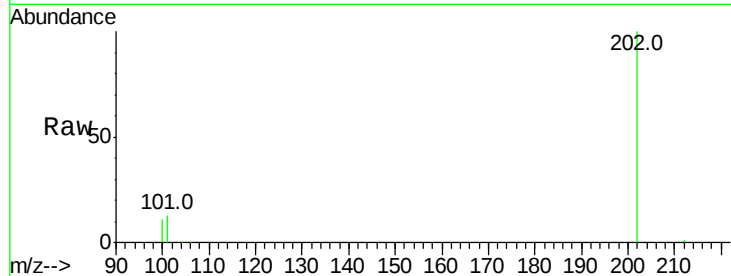
#17
Pvrene
Concen: 5.251 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE094265.D
Acq: 10 Oct 2017 23:47

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.0	15.6	23.4#

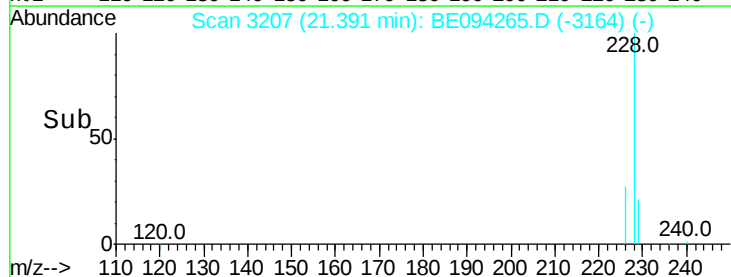
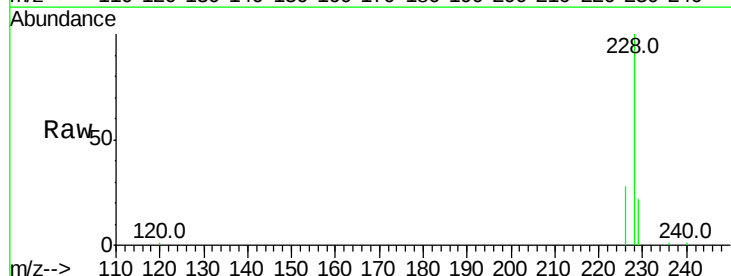
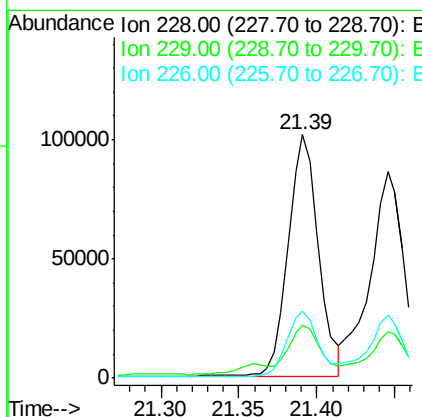
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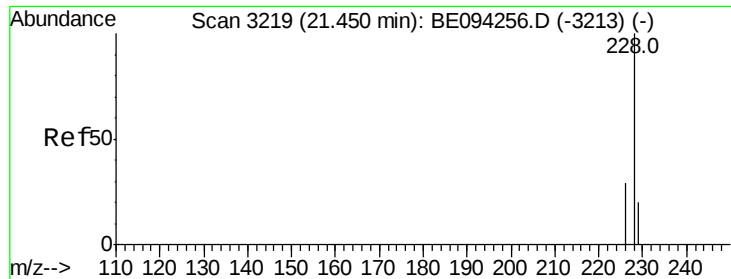
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#18
Benzo(a)anthracene
Concen: 3.733 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE094265.D
Acq: 10 Oct 2017 23:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 3.075 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE094265.D

Acq: 10 Oct 2017 23:47

Instrument :

BNA_E

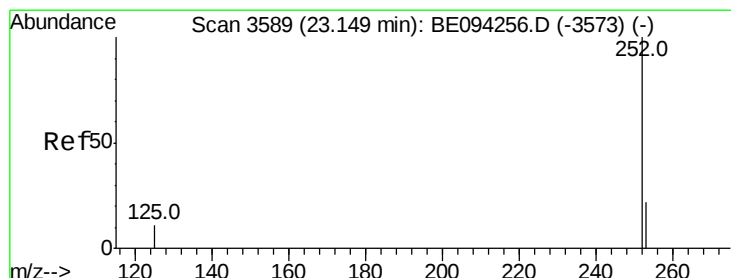
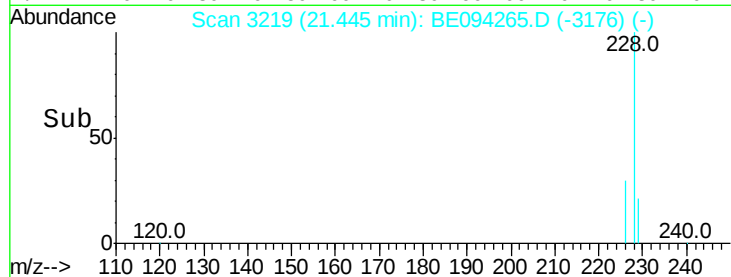
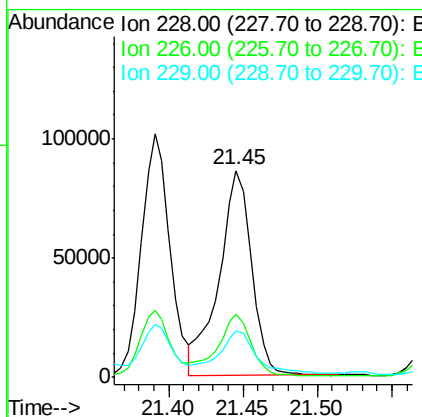
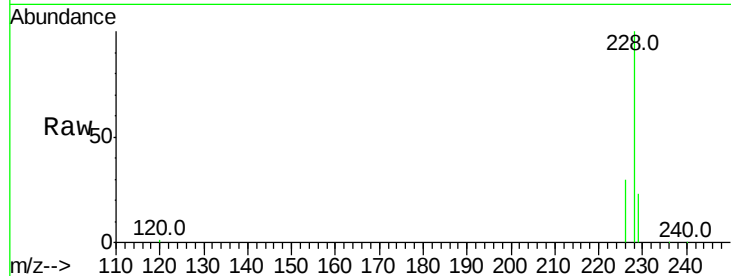
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Tot Ion:	228	Resp:	130409
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	22.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.675 ng/ul m

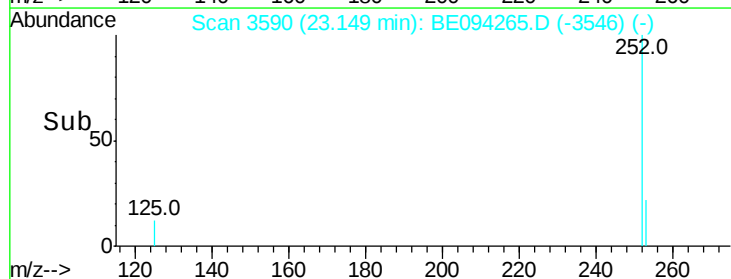
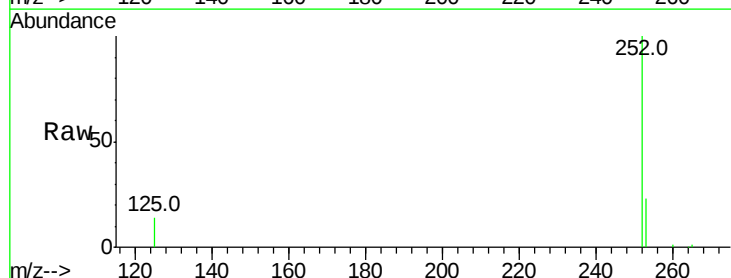
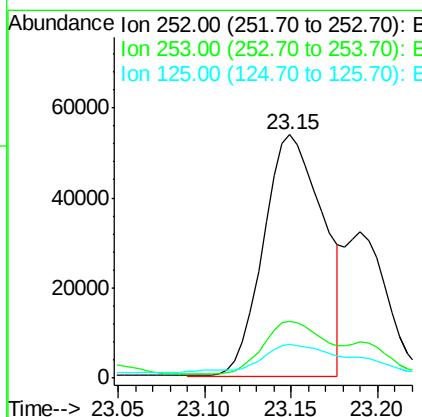
RT: 23.15 min Scan# 3590

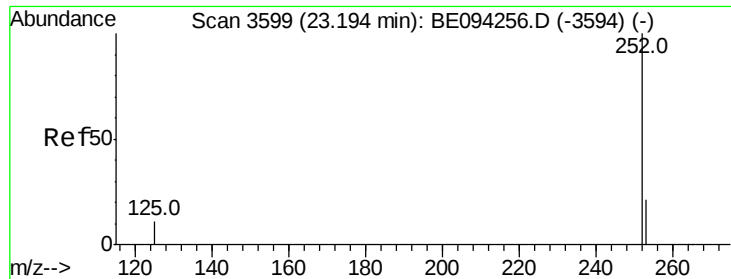
Delta R.T. 0.00 min

Lab File: BE094265.D

Acq: 10 Oct 2017 23:47

Tgt Ion:	252	Resp:	129379
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	13.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.187 ng/ul m

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE094265.D

Acq: 10 Oct 2017 23:47

Instrument :

BNA_E

ClientSampleId :

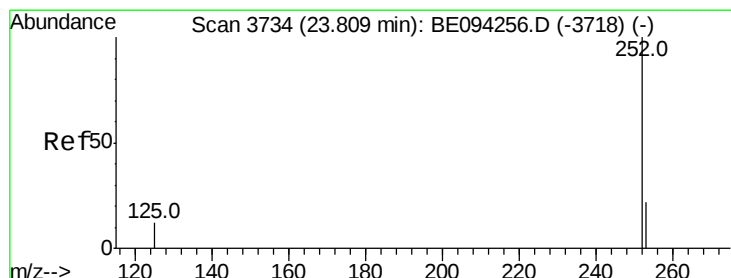
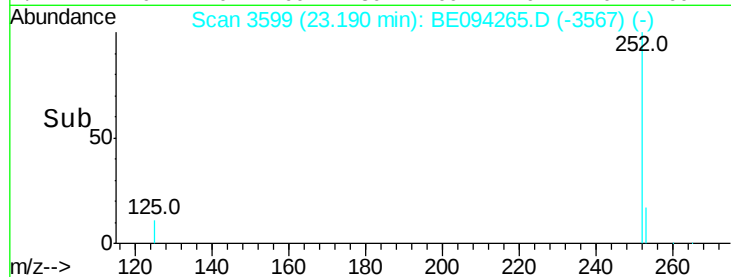
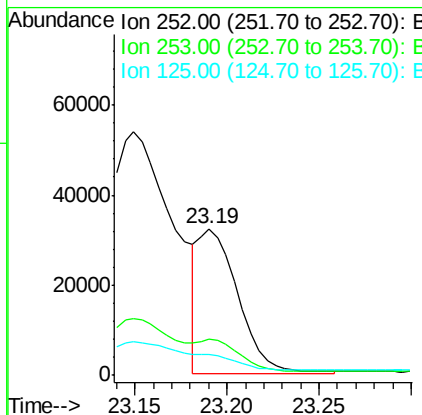
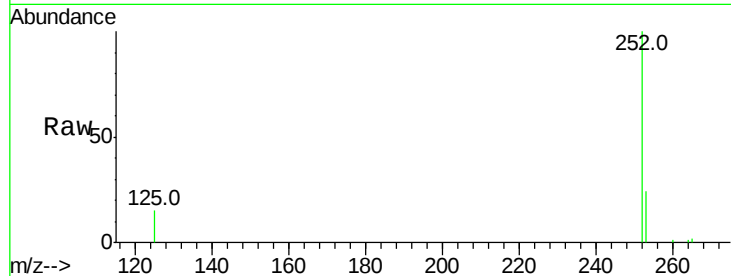
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Tot Ion:252 Resp: 48303

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

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#23

Benzo(a)pyrene

Concen: 2.981 ng/ul

RT: 23.81 min Scan# 3734

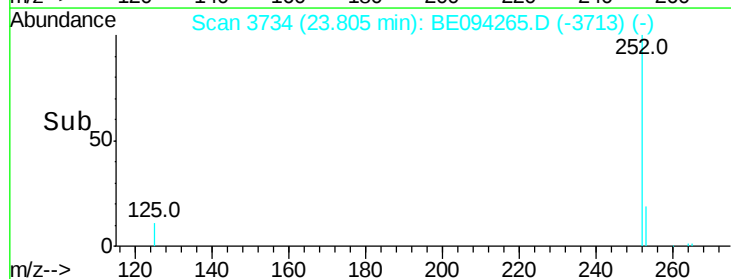
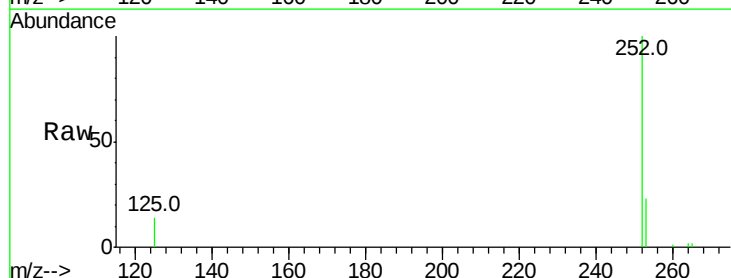
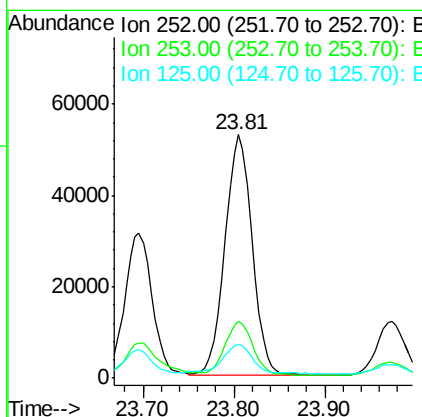
Delta R.T. -0.00 min

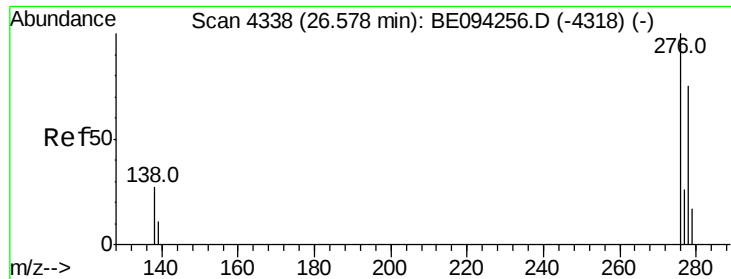
Lab File: BE094265.D

Acq: 10 Oct 2017 23:47

Tgt Ion:252 Resp: 109071

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	13.9	18.1	27.1#





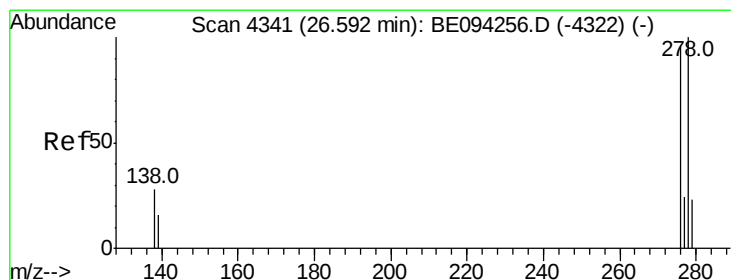
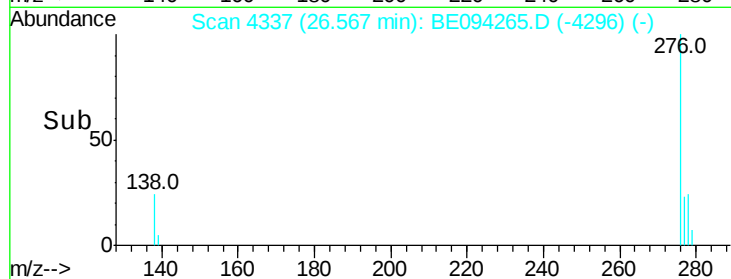
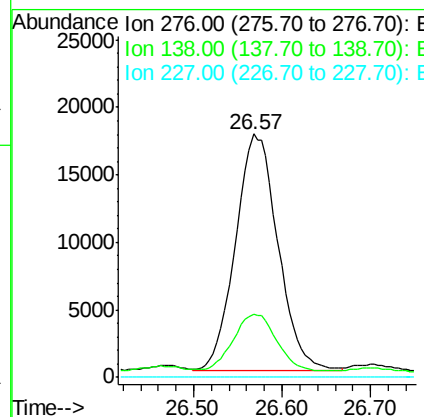
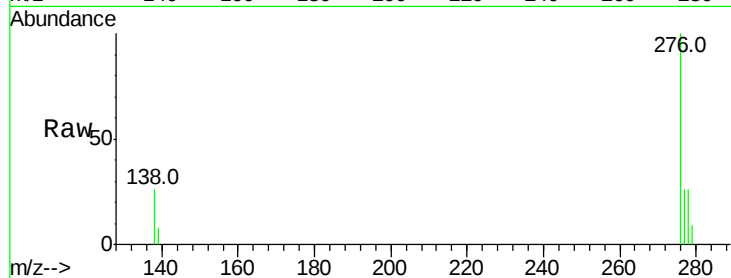
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.556 ng/ul
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.01 min
 Lab File: BE094265.D
 Acq: 10 Oct 2017 23:47

Instrument :
 BNA_E
 ClientSampleID :
 B-54(7-8)-092817DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	58248		
138	24.7		28.0	42.0#
227	0.0		8.0	12.0#

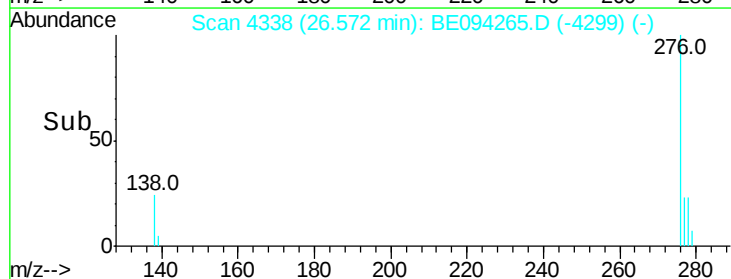
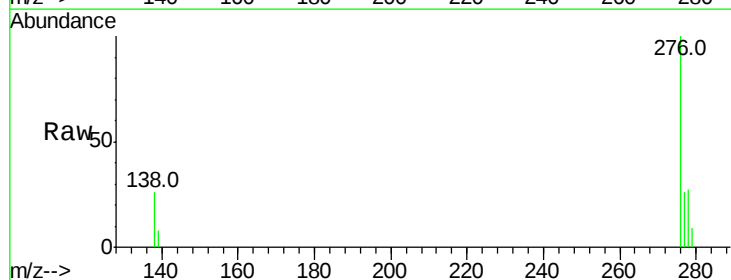
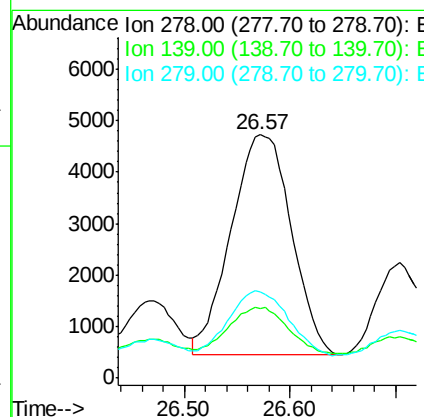
Manual Integrations
 APPROVED

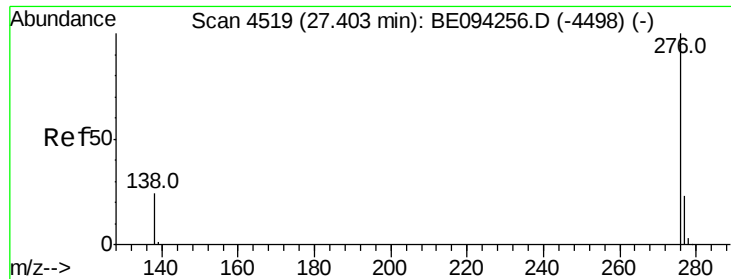
Sohil
 10/11/2017 7:20:16 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.539 ng/ul
 RT: 26.57 min Scan# 4338
 Delta R.T. -0.02 min
 Lab File: BE094265.D
 Acq: 10 Oct 2017 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	16928		
139	28.5		17.4	26.0#
279	35.1		25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 1.563 ng/ul

RT: 27.40 min Scan# 4519

Delta R.T. -0.01 min

Lab File: BE094265.D

Acq: 10 Oct 2017 23:47

Instrument :

BNA_E

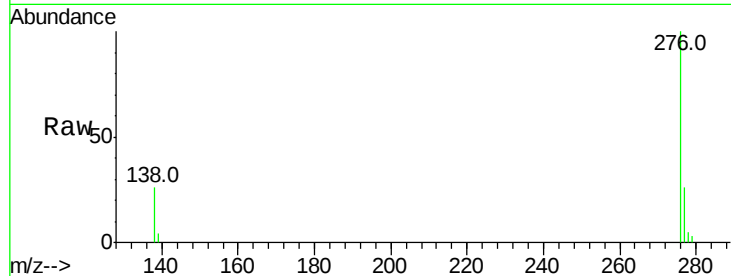
ClientSampleId :

B-54(7-8)-092817DL

Tot Ion:	276	Resp:	50456
Ion Ratio	Lower	Upper	
276	100		
138	25.9	21.8	32.8
277	25.6	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/11/2017 7:20:16 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

