

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094743.D
 Acq On : 4 Nov 2017 17:39
 Operator : SJ/JU
 Sample : I5825-14MS 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-19(0-1)-101117MS

Manual Integrations
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 11/6/2017 5:58:59 PM

Quant Time: Nov 06 00:41:56 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:30:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1186	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4018	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8649	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8491	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9040	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	708	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1597	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	1194	0.070	ng/ul#	87
5) 2-Methylnaphthalene	12.35	142	789	0.066	ng/ul	98
7) Acenaphthylene	14.24	152	2262	0.124	ng/ul	94
8) Acenaphthene	14.58	153	1736	0.133	ng/ul	98
9) Fluorene	15.57	166	1284	0.088	ng/ul#	90
12) Phenanthrene	17.29	178	34769	1.522	ng/ul#	89
13) Anthracene	17.38	178	7190	0.319	ng/ul#	93
15) Fluoranthene	19.31	202	74136	2.807	ng/ul	84
17) Pyrene	19.67	202	67888	2.586	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	34778	1.433	ng/ul#	89
19) Chrysene	21.47	228	40375m	1.609	ng/ul	
21) Benzo(b)fluoranthene	23.19	252	52169m	2.052	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	14808m	0.543	ng/ul	
23) Benzo(a)pyrene	23.86	252	32858	1.293	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.69	276	21234	0.807	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.67	278	4833	0.218	ng/ul#	22
26) Benzo(g,h,i)perylene	27.53	276	19047	0.902	ng/ul#	82

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

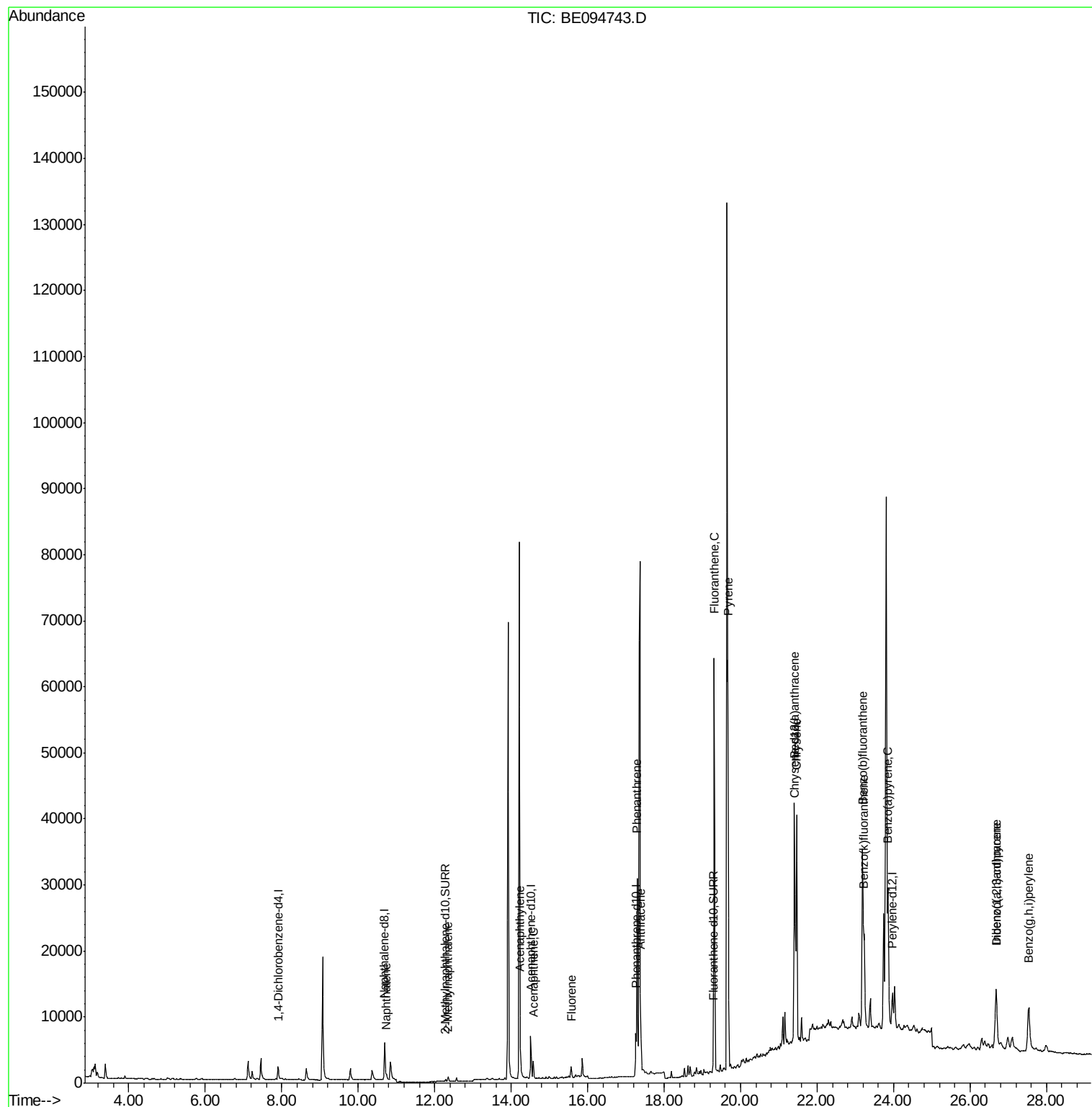
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
Data File : BE094743.D
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ALS Vial : 41 Sample Multiplier: 1

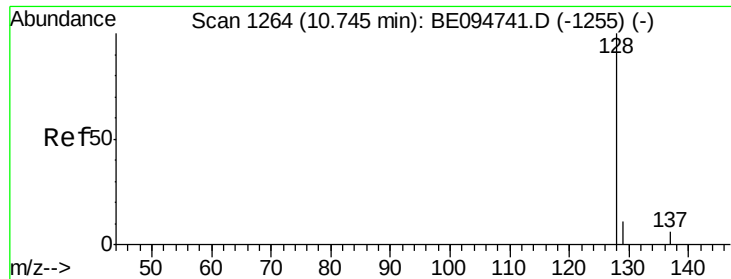
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QLast Update : Mon Nov 06 00:30:51 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.070 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Instrument :

BNA_E

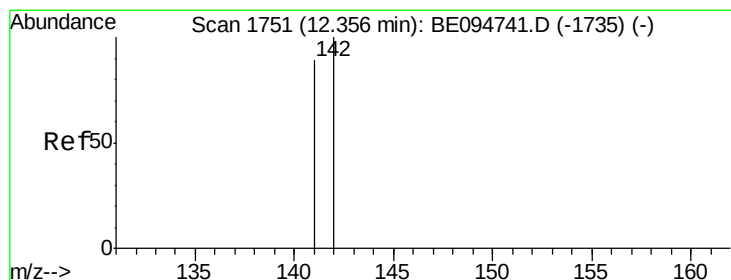
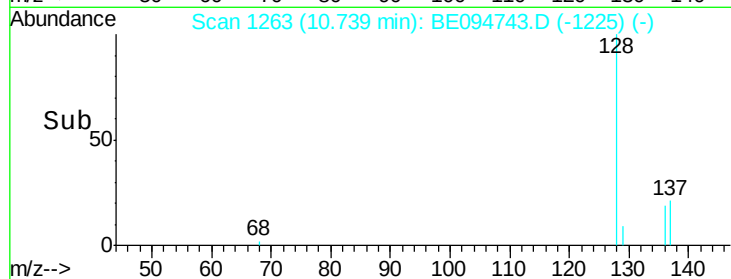
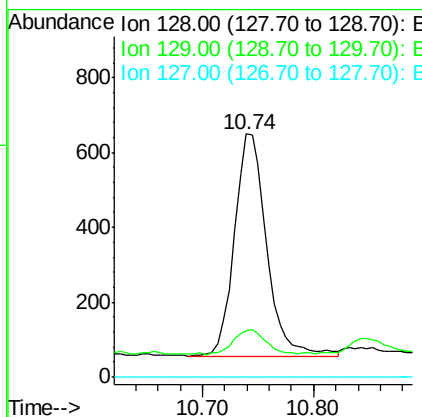
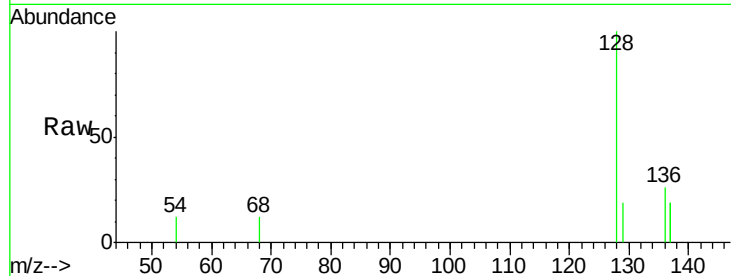
ClientSampleId :

B-19(0-1)-101117MS

Tgt Ion:	128	Resp:	1194
Ion Ratio	Lower	Upper	
128	100		
129	19.2	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.066 ng/ul

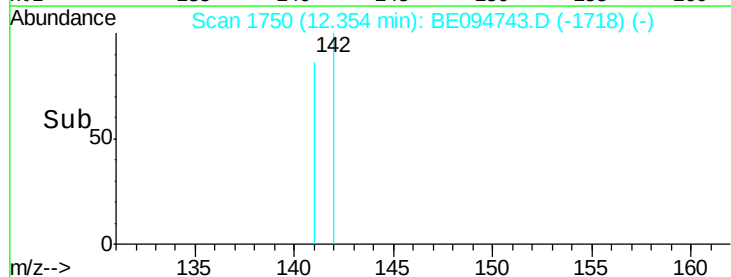
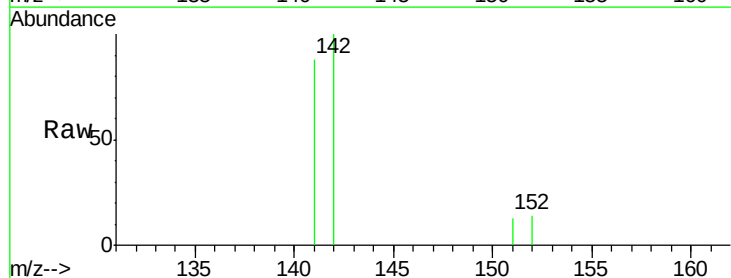
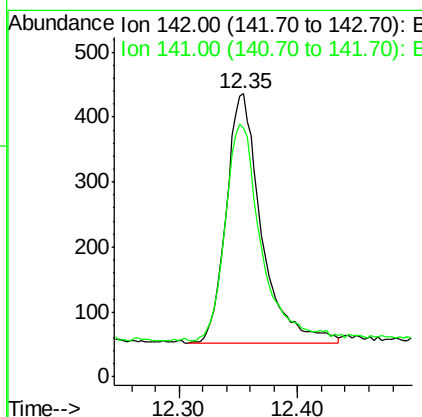
RT: 12.35 min Scan# 1750

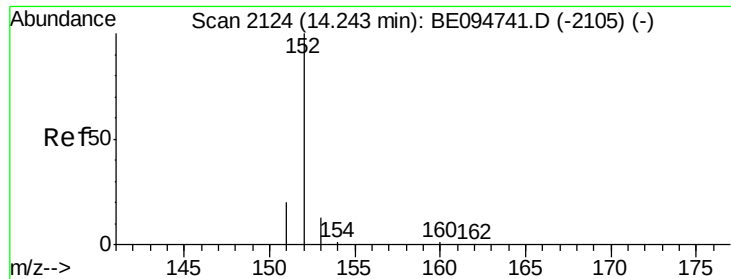
Delta R.T. -0.00 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Tgt Ion:	142	Resp:	789
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.124 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Instrument :

BNA_E

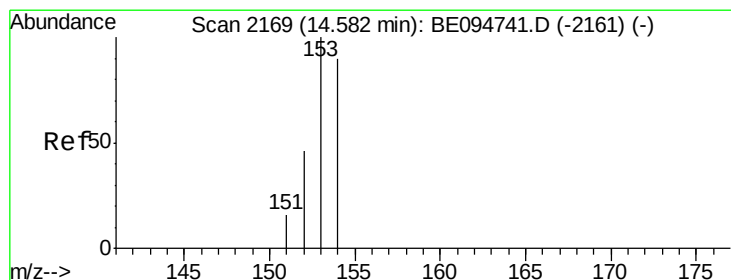
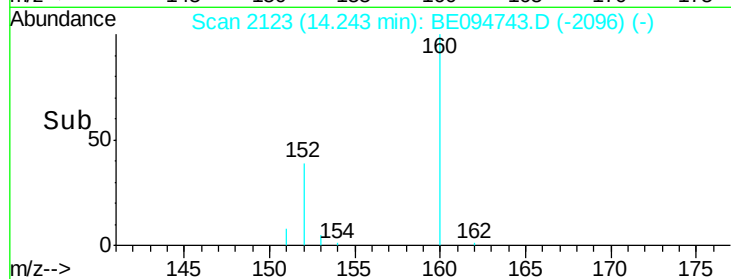
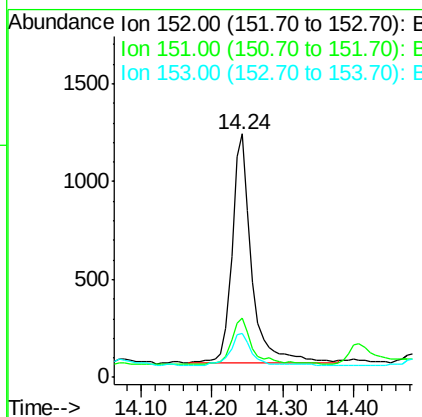
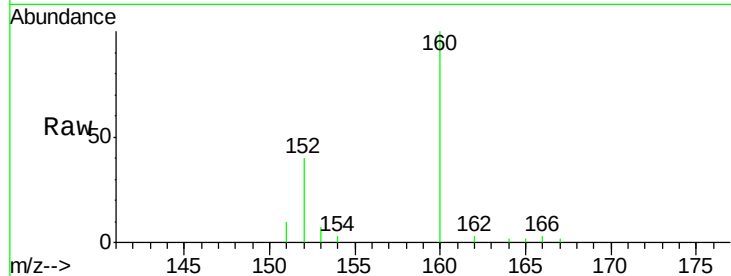
ClientSampleId :

B-19(0-1)-101117MS

Tgt Ion:	152	Resp:	2262
Ion Ratio	Lower	Upper	
152	100		
151	24.2	17.1	25.7
153	18.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.133 ng/ul

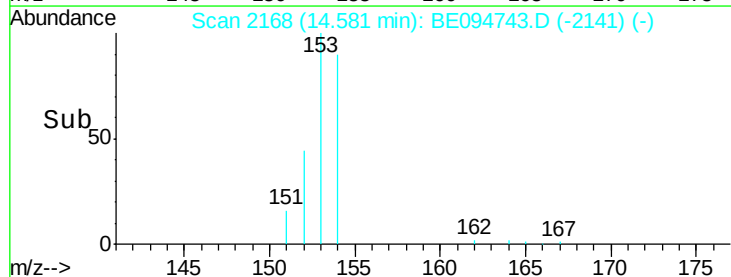
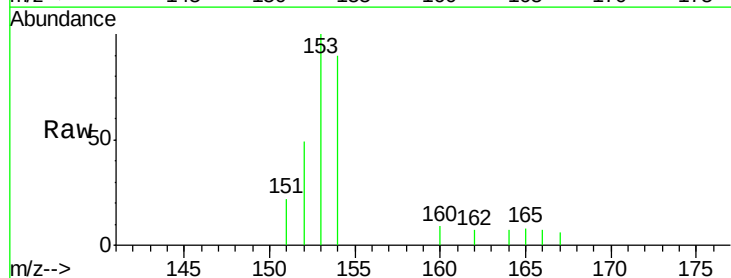
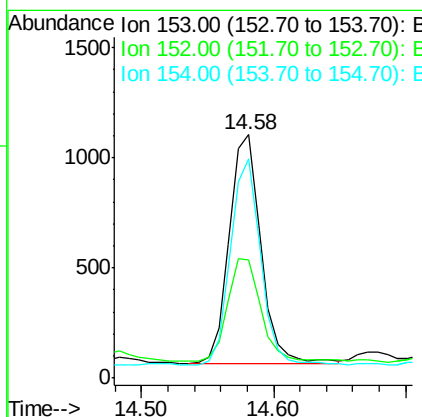
RT: 14.58 min Scan# 2168

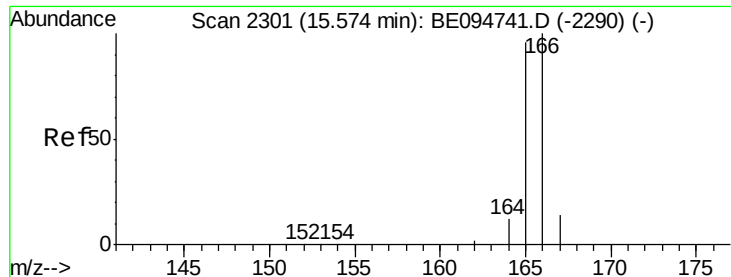
Delta R.T. -0.00 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Tgt Ion:	153	Resp:	1736
Ion Ratio	Lower	Upper	
153	100		
152	48.8	36.0	54.0
154	90.0	72.0	108.0





#9

Fluorene

Concen: 0.088 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Instrument :

BNA_E

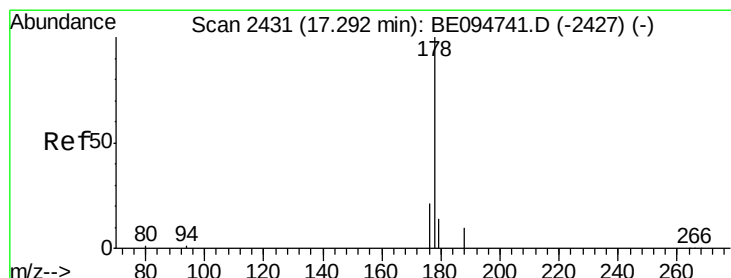
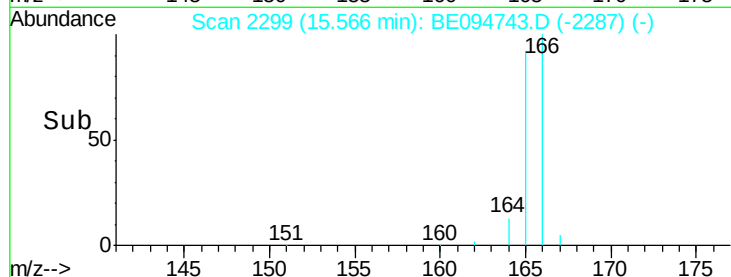
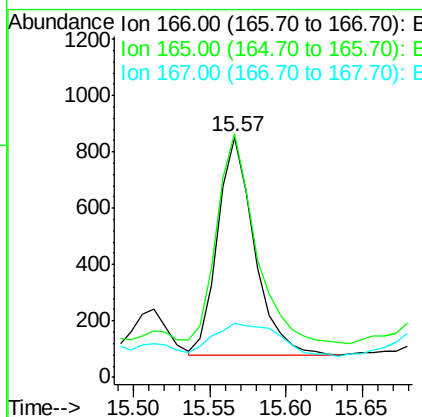
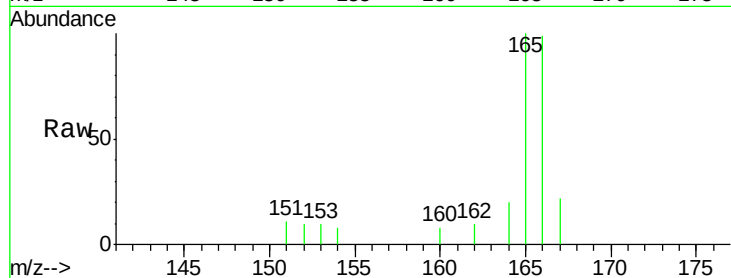
ClientSampleId :

B-19(0-1)-101117MS

Tgt Ion:	166	Resp:	1284
Ion Ratio	Lower	Upper	
166	100		
165	101.3	73.4	110.2
167	22.5	14.6	22.0#

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#12

Phenanthrene

Concen: 1.522 ng/ul

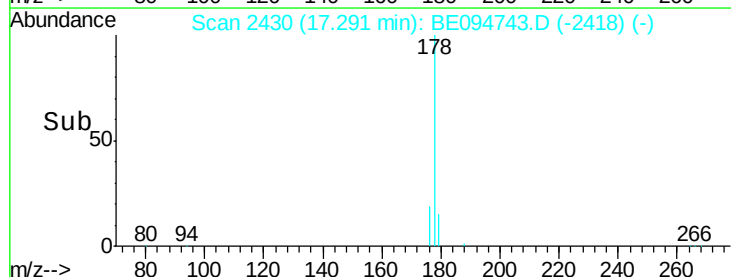
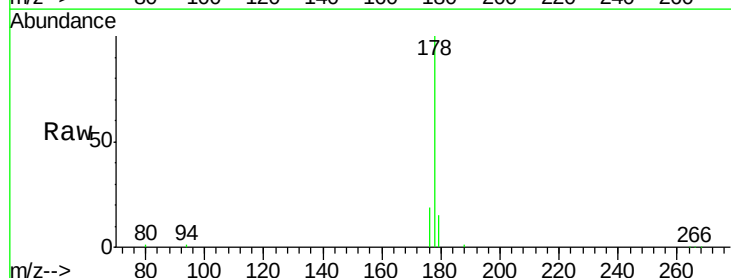
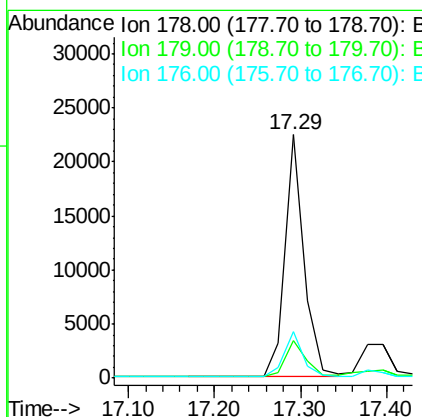
RT: 17.29 min Scan# 2430

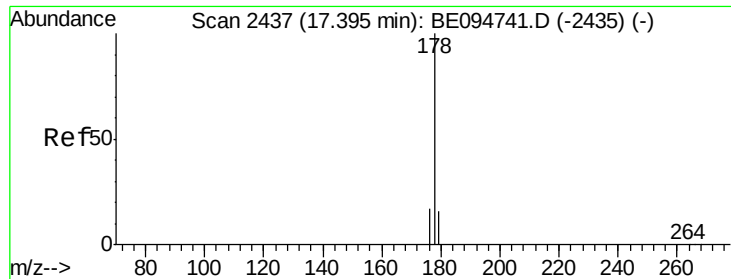
Delta R.T. -0.00 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Tgt Ion:	178	Resp:	34769
Ion Ratio	Lower	Upper	
178	100		
179	15.5	18.4	27.6#
176	18.9	13.6	20.4





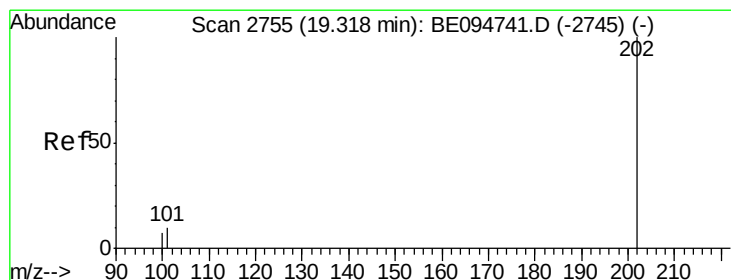
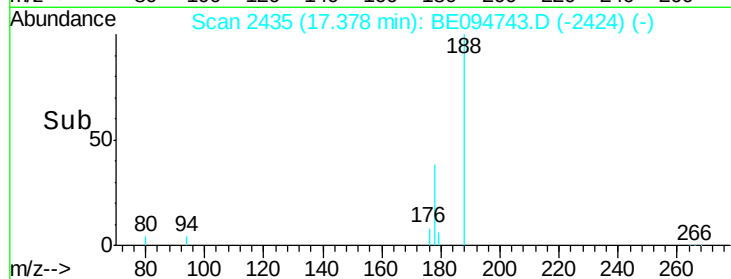
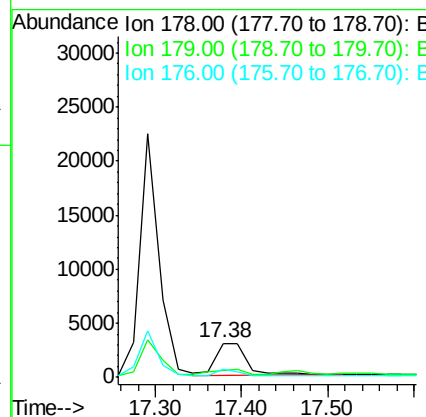
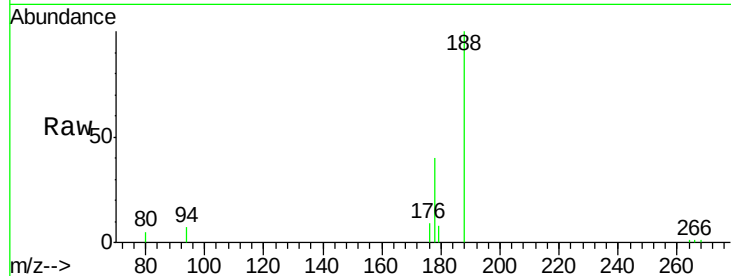
#13
 Anthracene
 Concen: 0.319 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BE094743.D
 Acq: 4 Nov 2017 17:39

Instrument :
 BNA_E
 ClientSampleId :
 B-19(0-1)-101117MS

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.2	18.1	27.1
176	23.4	14.7	22.1

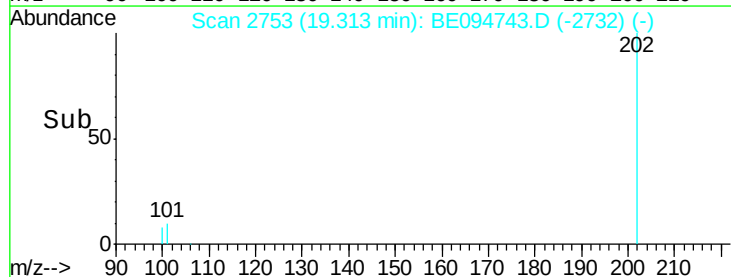
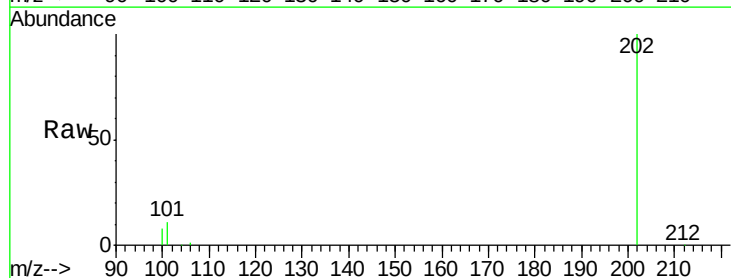
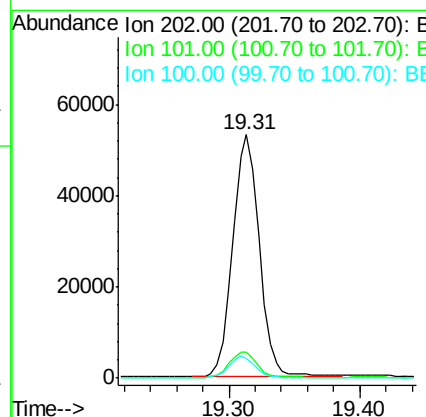
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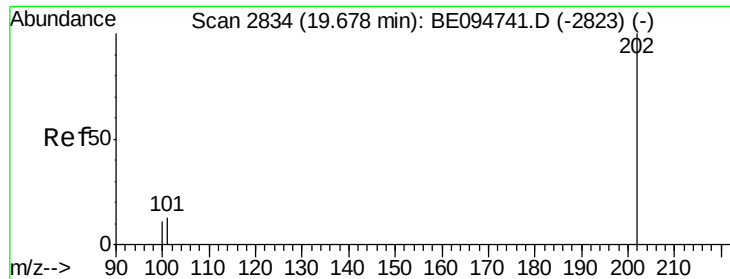
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#15
 Fluoranthene
 Concen: 2.807 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BE094743.D
 Acq: 4 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.3	0.0	39.5





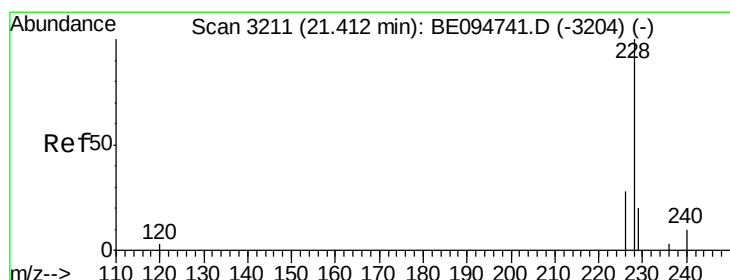
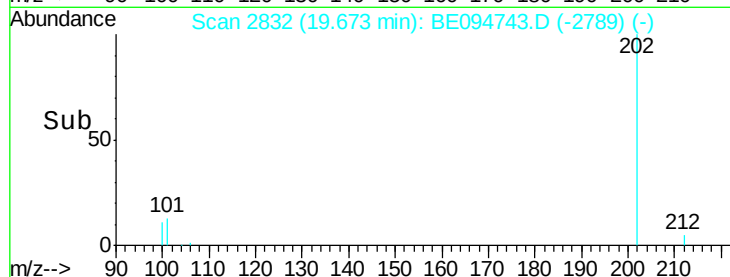
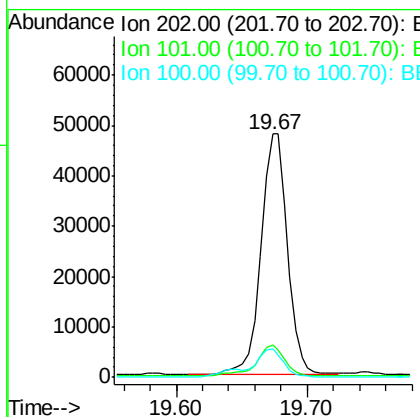
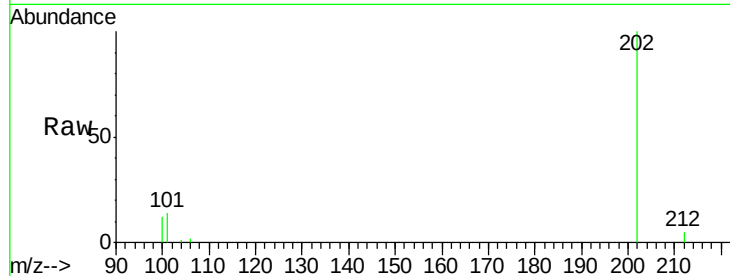
#17
Pyrene
 Concen: 2.586 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BE094743.D
 Acq: 4 Nov 2017 17:39

Instrument :
 BNA_E
 ClientSampleId :
 B-19(0-1)-101117MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	18.2	27.4#
100	11.6	15.6	23.4#

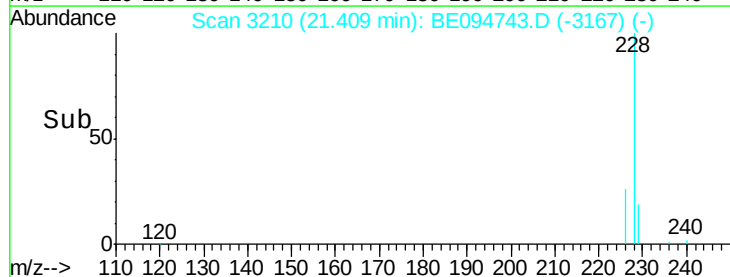
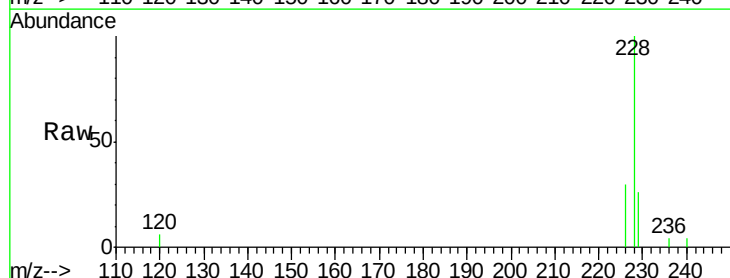
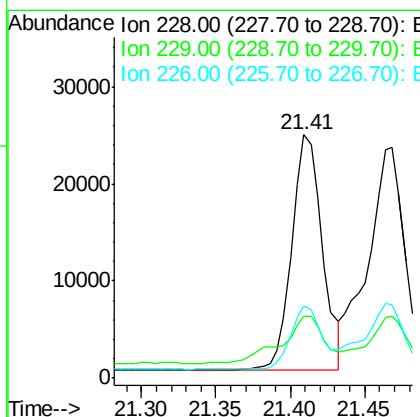
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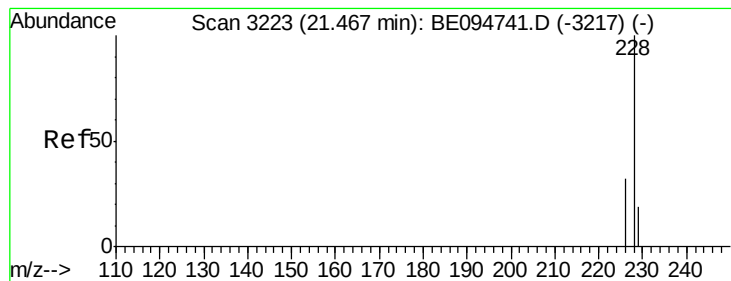
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#18
Benzo(a)anthracene
 Concen: 1.433 ng/ul
 RT: 21.41 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094743.D
 Acq: 4 Nov 2017 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.5	22.8	34.2
226	29.7	17.0	25.6#





#19

Chrysene

Concen: 1.609 ng/ul m

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Instrument :

BNA_E

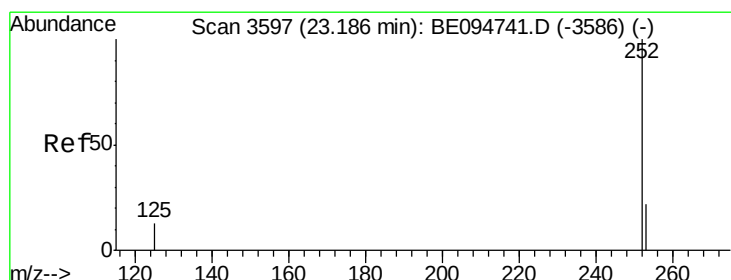
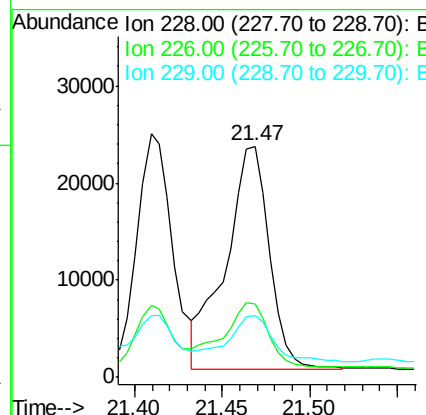
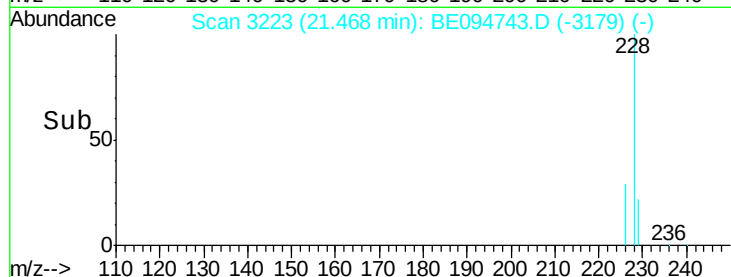
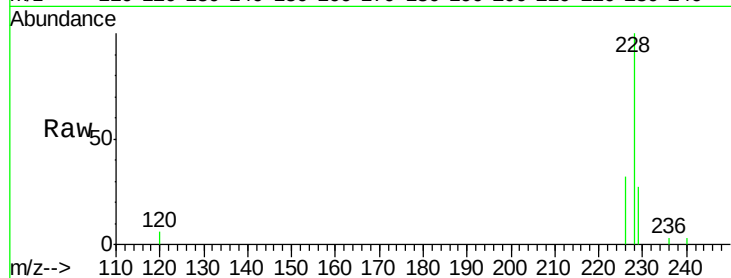
ClientSampleId :

B-19(0-1)-101117MS

Tgt Ion:	228	Resp:	40375
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.4	35.0
229	27.0	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 2.052 ng/ul m

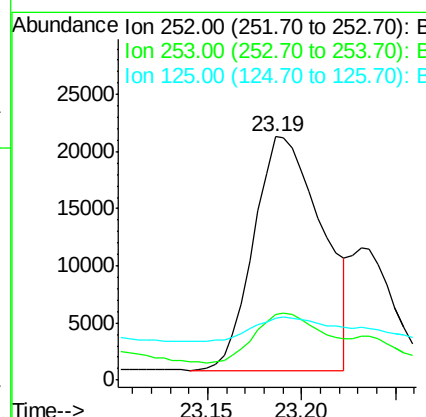
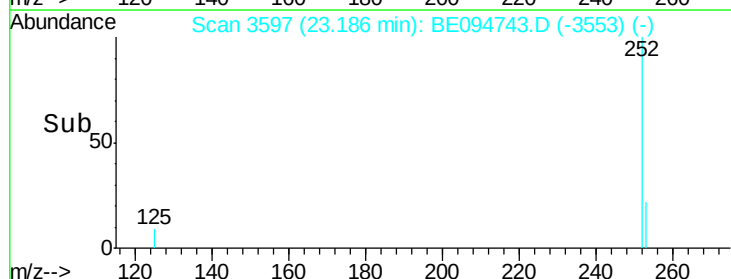
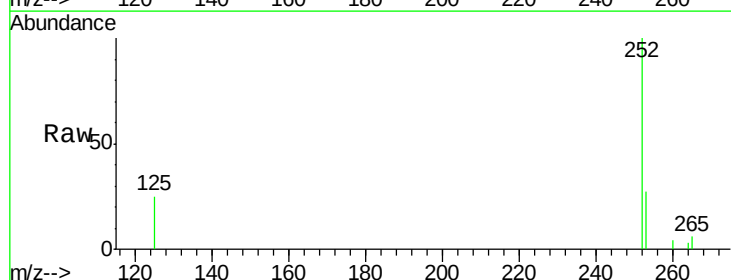
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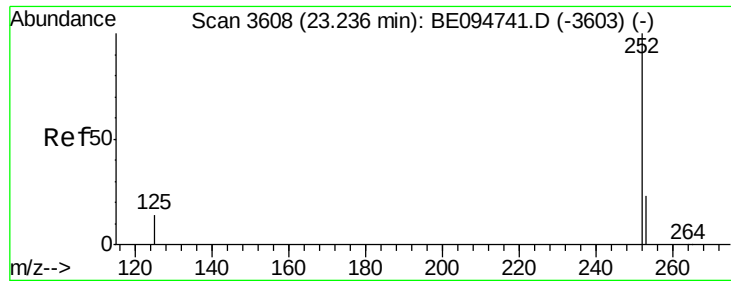
Delta R.T. 0.00 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Tgt Ion:	252	Resp:	52169
Ion Ratio	Lower	Upper	
252	100		
253	27.1	0.0	64.2
125	25.4	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.543 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Instrument :

BNA_E

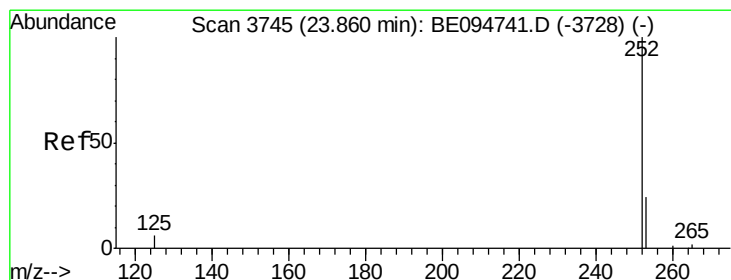
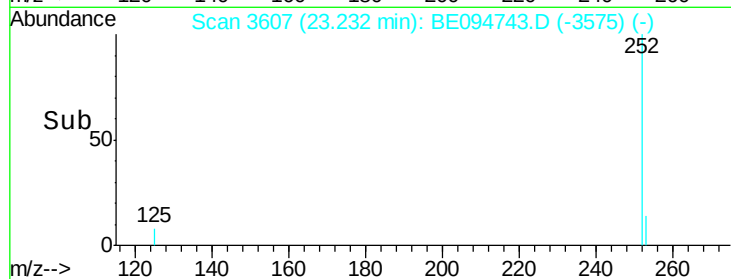
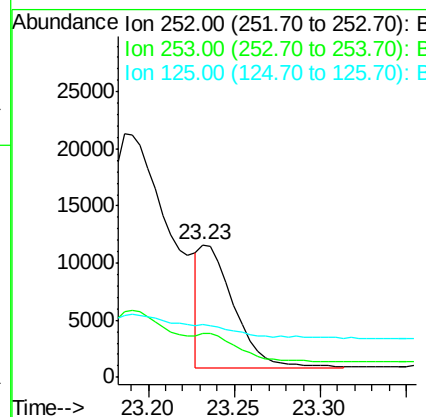
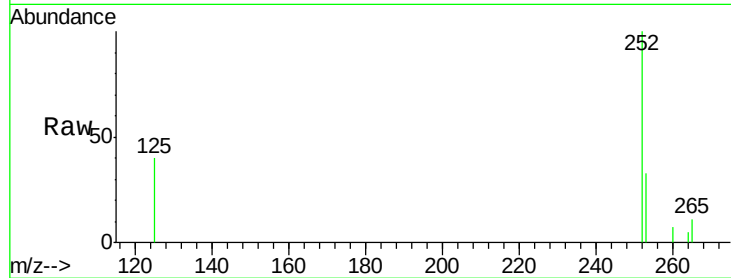
ClientSampleId :

B-19(0-1)-101117MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.7	24.5	36.7
125	39.6	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.293 ng/ul

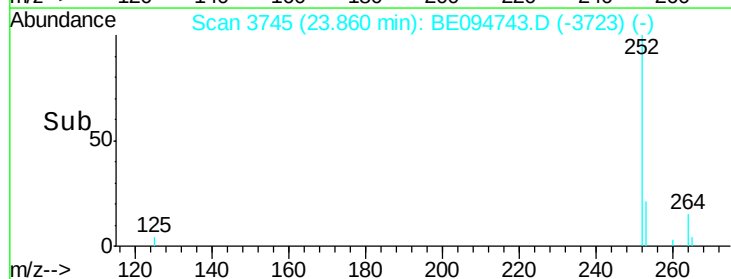
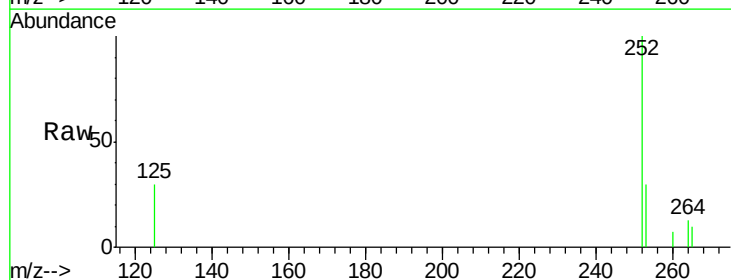
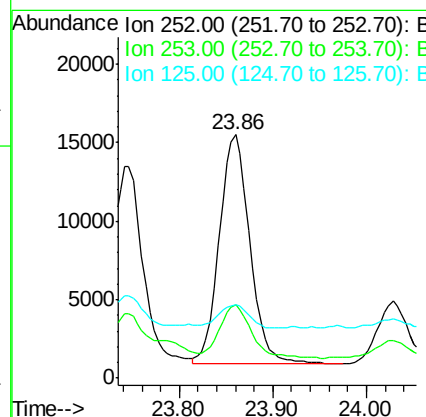
RT: 23.86 min Scan# 3745

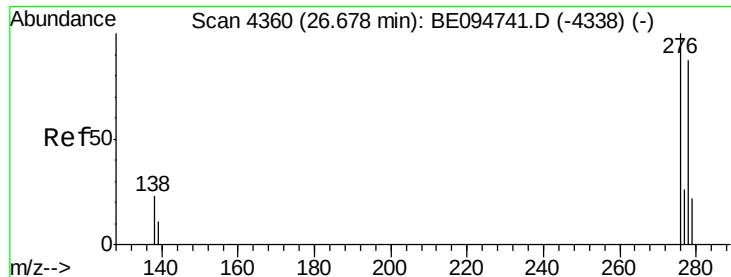
Delta R.T. -0.00 min

Lab File: BE094743.D

Acq: 4 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	28.5	42.7
125	30.3	18.1	27.1#





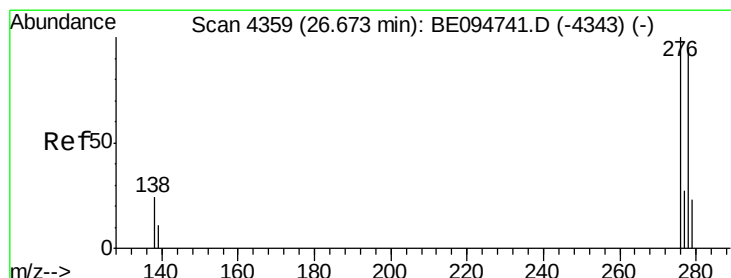
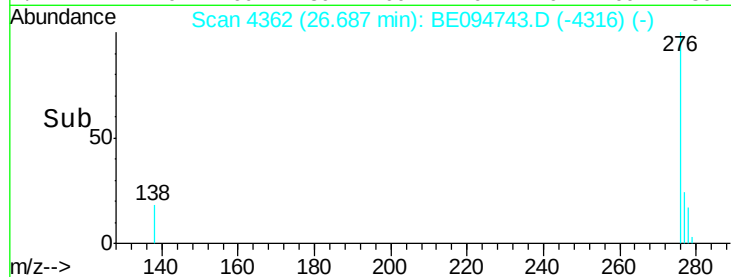
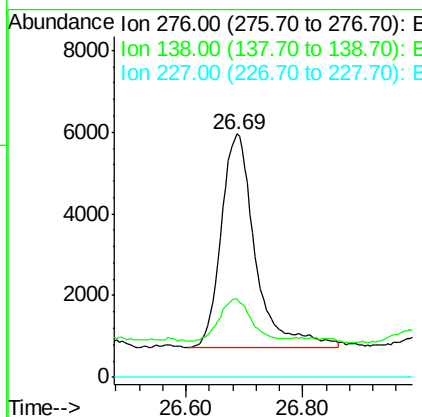
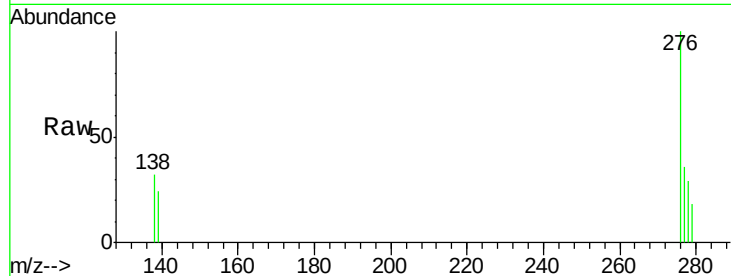
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.807 ng/ul
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.01 min
 Lab File: BE094743.D
 Acq: 4 Nov 2017 17:39

Instrument :
 BNA_E
 ClientSampleId :
 B-19(0-1)-101117MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	28.0	42.0#
227	0.0	8.0	12.0#

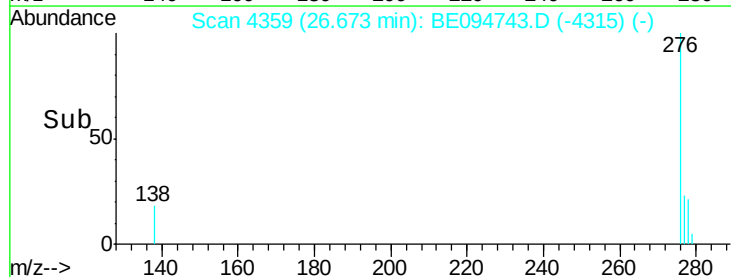
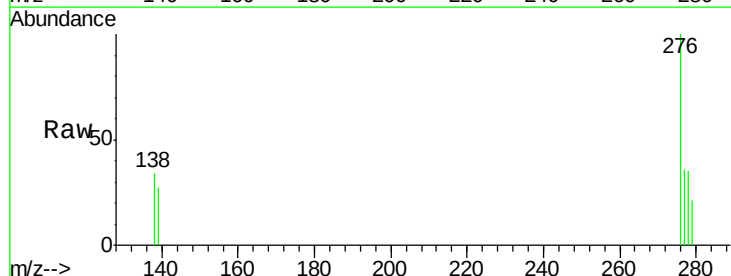
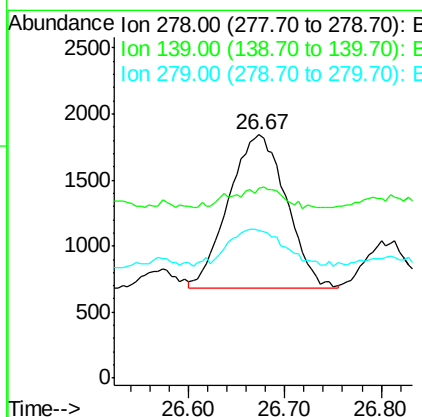
Manual Integrations
 APPROVED

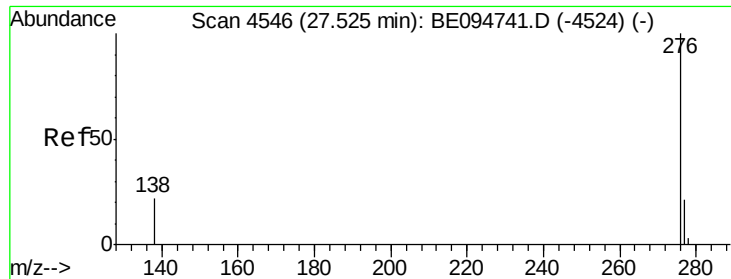
Sohil
 11/6/2017 5:58:59 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.218 ng/ul
 RT: 26.67 min Scan# 4359
 Delta R.T. 0.00 min
 Lab File: BE094743.D
 Acq: 4 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	77.8	17.4	26.0#
279	60.8	25.9	38.9#





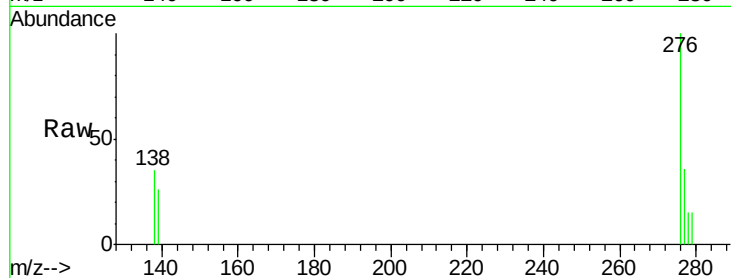
#26
 Benzo(g,h,i)perylene
 Concen: 0.902 ng/ul
 RT: 27.53 min Scan# 4548
 Delta R.T. 0.01 min
 Lab File: BE094743.D
 Acq: 4 Nov 2017 17:39

Instrument :
 BNA_E
 ClientSampleId :
 B-19(0-1)-101117MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.3	21.8	32.8#
277	36.4	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 11/6/2017 5:58:59 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

